REDACTED VERSION

PEM SOIL SAMPLING ANALYTICAL RESULTS
JUNE 2-27, 1997

Ann Arbor MI Seattle, WA Carle Place, NY Manhattan, NY Piscataway NJ 203-233 9007 313-668-6810 415-570-5401 212-290-0052 609-858-4800 516-997 7251

San Mateo CA

Smyrua, GA 404-333-6066 910-297 1487

713-686-3635

Ecology & Environment, Inc 11550 Newcastle Ave #250 Baton Rouge LA 70816

Monday June 02 1997

Ref Number TX972040

POLARIZED LIGHT MICROSCOPY (PLM)

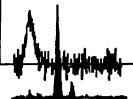
Project 060601RAG1 WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	<u>ASBESTOS</u> % TYPE	%	<u>NONASB</u> FIBROUS	<u>ESTOS</u> % NONFIBROUS
WBS471G01	(b) (6)	Tan Non Fibrous Homogeneous	Teased	2% Chrysotile < 1% Crocidolite	_	-	98% Other
WBS471G02	_	Tan Non Fibrous Homogeneous	Teased	< 1% Chrysotile < 1% Crocidolite			100% Other
WBS471G03		Tan Non Fibrous Homogeneous	Teased	< 1% Chrysotile			100% Other
WBS483G01		Tan Non Fibrous Homogeneous	Teased	< 1% Chrysotile			100% Other
WBS483 601 GUZ 342 3125 49		Tan Non Fibrous Homogeneous	Teased	< 1% Chrysotile < 1% Crocidolite			100% Other
%ይል \$ WBS483 G02 ፍራ3	25 9 8 (b) (6)	Tan Non Fibrous Homogeneous	Teased	5% Chrysotile 1% Crocidolite			94% Other

Comments For all obviously heterogeneous samples easily separated into subsamples and for layered samples each component is analyzed separately Also # of Layers refers to number of separable subsamples

Carlos D Salınas **Analyst**

Approved Signatory



Disclaimers PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP. nor any agency of the United States Government All NVLAP reports with NVLAP logo must contain at least one signature to be valid Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples

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Project 060601RAG1 WESTBANK ASBESTOS

			SAMPLE	<u>ASBE</u>	STOS		<u>NONASB</u>	<u>ESTOS</u>	
SAMPLE	LOCATION	APPEARANCE	TREATMENT	%	TYPE	%	FIBROUS	%	NONFIBROUS
WBS483G04	(b) (6)	Tan Fibrous Homogeneous	Teased	10% Chr 1% Cro	•			89%	6 Other
WBS031G01		Tan Non Fibrous Homogeneous	Teased	2% Chr < 1% Cro	•			98%	% Other
WBS031G02	-	Tan Non Fibrous Homogeneous	Teased	< 1% Chr	ysotile			100%	6 Other
WBS498G01		Tan Non Fibrous Homogeneous	Teased	2% Chr	ysotile			98%	6 Other
WBS498G02		Tan Non Fibrous Homogeneous	Teased	< 1% Chr < 1% Cro	-			100%	6 Other
WBS626G01		Tan Non Fibrous Homogeneous	Teased	< 1% Chṛ	ysotile			100%	6 Other

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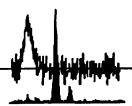
Project 060601RAG1 WESTBANK ASBESTOS

			SAMPLE	ASBESTOS	<u>NONASBESTOS</u>
SAMPLE	LOCATION	APPEARANCE	TREATMENT	% TYPE	% FIBROUS % NONFIBROUS
WBS626G02	(b) (6)	Tan Non Fibrous Homogeneous	Teased	5% Chrysotile 1% Crocidolite	94% Other
WBS626G03		Tan Non Fibrous Homogeneous	Teased	2% Chrysotile < 1% Crocidolite	98% Other
WBS626G04	_	Tan Non Fibrous Homogeneous	Teased	< 1% Chrysotile	100% Other
WBS1083G01	_	Tan Non Fibrous Homogeneous	Teased	2% Chrysotile < 1% Crocidolite	98% Other
WBS1083G02		Tan Non Fibrous Homogeneous	Teased	< 1% Chrysotile	100% Other
WBS1083G03		Tan Non Fibrous Homogeneous	Teased	< 1% Chrysotile	100% Other

Comments For all obviously heterogeneous samples easily separated into subsamples and for layered samples each component is analyzed separately Also # of Layers refers to number of separable subsamples

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Greensboro NC 910-297 1487 Houston, TX 713-686-3635

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Ecology & Environment, Inc 11550 Newcastle Ave #250 Baton Rouge LA 70816 Monday June 02 1997

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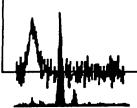
Project 060601RAG1 WESTBANK ASBESTOS

			SAMPLE	<u>ASBESTOS</u>	į	NONASBESTOS	
SAMPLE	LOCATION	APPEARANCE	TREATMENT	% TYPE	% FIBI	ROUS %	NONFIBROUS
WBS1083G04	(b) (6)	Tan Non Fibrous Homogeneous	Teased	None Detected		100	% Other
WBS498G03		Tan Non Fibrous Homogeneous	Teased	< 1% Chrysotile		100	% Other
WBS032G01	_	Tan Non Fibrous Homogeneous	Teased	< 1% Chrysotile < 1% Crocidolite		100'	% Other
WBS497G01		Tan Non Fibrous Homogeneous	Teased	2% Chrysotile < 1% Crocidolite		981	% Other
WBS497G02		Tan Non-Fibrous Homogeneous	Teased	< 1% Chrysotile		1009	% Other
WBS497G03		Tan Non Fibrous Homogeneous	Teased	4% Chrysotile 1% Crocidolite		959	% Other

Comments For all obviously heterogeneous samples easily separated into subsamples and for layered samples each component is analyzed separately Also # of Layers refers to number of separable subsamples

Carlos D Salinas Analyst

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Monday June 02 1997

Ref Number TX972040

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Project 060601RAG1 WESTBANK ASBESTOS

			SAMPLE	<u>ASBI</u>	<u>ESTOS</u>		NONASB	ESTOS	
SAMPLE	LOCATION	APPEARANCE	TREATMENT	%	TYPE	%	FIBROUS	%	NONFIBROUS
WBS626G05	b) (6)	Tan	Teased	< 1% Ch	-			100%	6 Other
		Non Fibrous		< 1% Cr	ocidolite				
		Homogeneous							
WBS026G01		Tan	Teased	2% Ch	rysotile	1	<u></u>	98%	6 Other
		Non Fibrous		< 1% Cr	ocidolite				
		Homogeneous							
WBS026G02		Tan	Teased	< 1% Ch	rysotile			100%	6 Other
		Non Fibrous		< 1% Cr					
		Homogeneous							
WBS026G03		Tan	Teased	2% Ch	rysotile			98%	6 Other
		Non Fibrous		< 1% Cr	•				
		Homogeneous							
WBS026G04		Tan	Teased	< 1% Ch	rysotile			100%	6 Other
		Non Fibrous							
		Homogeneous							
WBS026G05		Tan	Teased	< 1% Ch	rysotile			100%	6 Other
		Non Fibrous		< 1% Cro	ocidolite				
) }		Homogeneous							

Comments For all obviously heterogeneous samples easily separated into subsamples and for layered samples each component is analyzed separately Also # of Layers refers to number of separable subsamples

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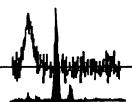
Project 060601RAG1 WESTBANK ASBESTOS

			SAMPLE	ASB	ESTOS		<u>NONASB</u>	<u>ESTOS</u>	
SAMPLE	LOCATION	APPEARANCE	TREATMENT	%	TYPE	%	FIBROUS	%	NONFIBROUS
WBS475G01	(b) (6)	Tan Non Fibrous Homogeneous	Teased	No	ne Detected			100%	6 Other
WBS475G02		Tan Non Fibrous Homogeneous	Teased	< 1% Ct	rysotile			100%	6 Other

Comments For all obviously heterogeneous samples easily separated into subsamples and for layered samples each component is analyzed separately Also # of Layers refers to number of separable subsamples

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Analytical Services Center
4493 Walden Avenue Lancaster New York 14086 Tel 716/685 8080 Fax 716/685 0852
In emaponal Sciencialists in the Environment

CHAIN OF CUSTODY RECORD TX972040 Project No Project Name Projec Manager 1020601RAGI Westbank Asbestos Troy Naguin Samplers (5 gnatures) Feld Team Leader Larry Roed REMARKS SAMPLE NUMBER SAMPLE INFORMATION STATION DATE TIME GRAB STATION LOCATION CON EPA Tag# EXPECTED COMPOUNDS (Concent at on) TAINERS W85471 05/24 1000 6 003020 Asbestos (L) W85471 602 W85471 -008019 1007 X χ 6-00 8043 1012 €03 ₩83+33 6-008044 603 603 1440 1435 X X 6-008045 MES 43-3 MES 43-3 X X 1430 6-008046 1425/X 6-008047 G04 WBS031 CS/26 1505 6-068053 MB2 1123 MB2 031 11510 X 6-003054 1550 6-008048 11 WAS 198 1545 X 6-008049 13 603 M3267P 6 0 08055 1630 6 008056 1634 WESC 31 6-008057 X Relynquished By (Signature) Date/Time Rece ved By (Signature) Relingui hed By (Signature) Date/T me Received By (Signatur) Ship V a 5/27/2 18 00 FED-EX Relinquished By (Signature) Date Time Rece ved By (Signature) Rel ngu shed By (Signature) Date/T me Received By (Signature) BL Arbil Number Date Rel nauished By (S gnature) Date Time Relingui hed By (Signature) Date/Time Received For Laboratory By 2252235871 (Signature)

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CHAIN OF CUSTODY RECORD

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CHAIN OF CUSTODY RECORD

Page 3 of 3

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1 Brown 2 Grey 3 Tan 4 White 5 Red	6 Various 7 Black 8 Silver 9 Blue 0 Orange	1 Fibrous 2 Non Fibrous 3 Other	1 Homogeneous 2 Heterogeneous 3 Other 4 Layers (#)	1 Teased 2 Crushed 3 Dissolved 4 Ashed	ASDESION RESURES 1 Chrysotile 2 Amosite 3 Arthophyrlite 4 Tremolite 5 Actinolite 6 Crocidolite 0 None Detected	I Cellulose 2 Glass 3 Min Woo 4 Synthetic 5 Other 6 Wollaston 7 Hair	1	1 Quartz 2 Mica 3 Gypsum 4 Cal Cas 5 Matrix 6 Perlite 7 Other	1		M 1 W 2 Str gh 3 Spor Is P	2 1 d 3 H gh 1 2 1 2 P C 3 Spe f
Sai	mple	Location	Appearance	Treatment	% ASBESTOS	F _i t Type	orous %	Non f Type	ibrous %	# Layers	-	-
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TAT 24 Hour 5/29/97 Logged **Ecology & Environment, Inc** Client 9 00 AM 5/29/97 11550 Newcastle Ave #250 Date/Time Due Address Baton Rouge LA 70816 Billing Number Special Handling (504) 363 4732 Fax TX972040 060601RAG1 WESTBANK ASBESTOS Project Non Fibrous Asbestos Results **Fibrous** Treatment Appearance Cellulose Chrysotile Quartz 1 Homogeneous 1 Teased 1 Brown 6 Various 7 Black Fibrous Non Fibrous 2 Mica 3 Gypsu Amosite Arthophyilite Tremolite 2 Glass 3 Min Wool Heterogeneous Crushed 2 Grey 3 Tan Gypsum Other Other Dissolved 8 Silver Synthetic Cal Carbonate 4 White 5 Red 4 Layers (#) 9 Blue 4 Ashed Actinolite Other 5 Matrix 0 Orange 6 Perlite Crocidolite Wollastonite 0 None Detected Hair 7 Other Fibrous Non Fibrous Layers % ASBESTOS % Appearance Treatment Type Type Sample Location W&5031 902 WBS 498 901 JIR. В WBS 498 M M S 11 402 W85 626 'Œ[901 13 402 403 U. 15 604 40) Date

,	Client Address		& Environme wcastle Ave			Logged Date/Time Due	5/29/97 5/29/97	9 00	AM	TAT	24 Hour	
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	Project	060601RAC	31 WESTBANK	ASBESTOS	-,] [
	1 Brown 2 Grey 3 Tan 4 White 5 Red	6 Various 7 Black 8 Silver 9 Blue 0 Orange	ppearance Fibrous Non Fibrous Other	1 Homogeneous 2 Heterogeneous 3 Other 4 Layers (#)	Treatment 1 Teased 2 Crushed 3 Dissolved 4 Ashed	Asbestos Result Chrysotile Amosite Arthophylite Tremolite Actinolite Cocadolite None Detected	1 Celtul 2 Glass 3 Min V 4 Synth 5 Other 6 Wolla 7 Hair	Wool etic	Non 1 Quartz 2 Mica 3 Gypsur 4 Cal Ca 5 Matrix 6 Perlite 7 Other	Fibrous n irbonate	1 W 7 2 Str ght 3 Spc fy	IR
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Analyst Computer _____ Date _____

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Piscataway NJ 908 981-0550

516 997 7251

Manhattan, NY 212-290-0052 Seattle, WA 203 233 9007 Ann Arbor MI 313-668-6810 San Mateo CA 415 570-5401 Smyrna, GA 404-333-6066

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Greensboro, NC 910-297 1487 Houston, TX 713-686-3635



Ecology & Environment, Inc 11550 Newcastle Ave #250 Baton Rouge LA 70816 Tuesday June 03 1997

Ref Number TX972068

POLARIZED LIGHT MICROSCOPY (PLM)

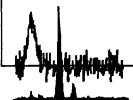
Project WESTBANK ASBESTOS

			SAMPLE	<u>ASBESTOS</u>		NONASE	ESTOS	
SAMPLE	LOCATION	APPEARANCE	TREATMENT	% TYF	PE %	FIBROUS	%	NONFIBROUS
WBS497G04	(b) (6)	Brown Fibrous Homogeneous	Teased	2% Chrysotile < 1% Crocidolite			98%	Other
WBS029G01		Brown Non Fibrous Homogeneous	Teased	< 1% Chrysotile			100%	Other
WBS029G02		Brown Fibrous Homogeneous	Teased	2% Chrysotile			98%	Other
WBS029G03		Brown Non Fibrous Homogeneous	Teased	< 1% Chrysotile < 1% Crocidolite	4		100%	Other
WBS029G04		Brown Non Fibrous Homogeneous	Teased	< 1% Chrysotile < 1% Crocidolite			100%	Other
WBS499G01		Brown Fibrous Homogeneous	Teased	2% Chrysotile < 1% Crocidolite			98%	Other

Comments For all obviously heterogeneous samples easily separated into subsamples and for layered samples each component is analyzed separately Also # of Layers refers to number of separable subsamples

Arthur Hernandez J Analyst

Approved Signatory



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Manhattan, NY 212-290-0052

Seattle, WA 203 233 9007

Ann Arbor MI San Mateo, CA 313-668-6810

415-570-5401

Smyrna, GA 404-333-6066 Greensboro, NC 910-297 1487

Houston, TX 713-686-3635

Ecology & Environment, Inc 11550 Newcastle Ave #250 Baton Rouge LA 70816

Tuesday June 03 1997

Ref Number TX972068

POLARIZED LIGHT MICROSCOPY (PLM)

Project WESTBANK ASBESTOS

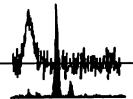
			SAMPLE	ASBE	STOS		NONASB	<u>ESTOS</u>	
SAMPLE	LOCATION	APPEARANCE	TREATMENT	%	TYPE	%	FIBROUS	%	NONFIBROUS
WBS499G02	(b) (6)	Brown Fibrous Homogeneous	Teased	< 1% Ch	rysotile			1009	% Other
WBS499G03		Brown Fibrous Homogeneous	Teased	2% Chi < 1% Cro				989	% Other
WBS500G01		Brown Fibrous Homogeneous	Teased	2% Chi	rysotile			98%	% Other
WBS500G02		Brown Fibrous Homogeneous	Teased	2% Chi	rysotile			98%	% Other
WBS500G03		Brown Fibrous Homogeneous	Teased	2% Chr	ysotile			98%	6 Other

Comments For all obviously heterogeneous samples easily separated into subsamples and for layered samples each component is analyzed separately Also # of Layers refers to number of separable subsamples

Arthur Hernandez Jr

Analyst

Approved Signatory



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Analytical Services Center
4493 Walden Avenue Lancaster New York 14086 Tel 716/685 8080 Fax 716/685 0852 International Specialists in the Environment

CHAIN OF CUSTODY RECORD

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NY

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Arbor MI San Mateo CA 868-6810 415-570-5401

Smyrna, GA 404-333-6066

Smyrna, GA G

Greensboro NC 910-297 1487 Houston, TX 713-686-3635



Ecology & Environment, Inc 11550 Newcastle Ave #250 Baton Rouge LA 70816 Tuesday June 03 1997

Ref Number TX972069

POLARIZED LIGHT MICROSCOPY (PLM)

Project WESTBANK ASBESTOS

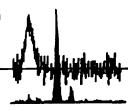
			SAMPLE	ASBE	STOS		NONASB	<u>ESTOS</u>	
SAMPLE	LOCATION	APPEARANCE	TREATMENT	%	TYPE	%	FIBROUS	%	NONFIBROUS
WBS1040G01	(b) (6)	Brown Non Fibrous Homogeneous	Teased	No	ne Detected			100%	6 Other
WBS1040G02		Brown/White Fibrous Homogeneous	Teased	4% Ch	rysotile			96%	6 Other
WBS1040G03		Brown Fibrous Homogeneous	Teased	2% Ch	rysotile	1		98%	6 Other
WBS1040G04		Brown Non Fibrous Homogeneous	Teased	No	ne Detected			100%	6 Other
WBS1085G01		Brown/White Fibrous Homogeneous	Teased	15% Ch 2% Cro	rysotile ocidolite			83%	6 Other
WBS1085G02		Brown Fibrous Homogeneous	Teased	2% Ch < 1% Cro	rysotile ocidolite			98%	6 Other

Comments For all obviously heterogeneous samples easily separated into subsamples and for layered samples each component is analyzed separately Also # of Layers refers to number of separable subsamples

Arthur Hernandez Jr Analyst

Approved Signatory

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Ecology & Environment, Inc 11550 Newcastle Ave #250 Baton Rouge LA 70816 Tuesday June 03 1997

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POLARIZED LIGHT MICROSCOPY (PLM)

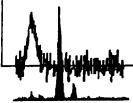
Project WESTBANK ASBESTOS

			SAMPLE	ASBE	<u>stos</u>		NONASB	ESTOS	
SAMPLE	LOCATION	APPEARANCE	TREATMENT	%	TYPE	%	FIBROUS	%	NONFIBROUS
WBS1085G03	(b) (6)	Brown Fibrous Homogeneous	Teased	2% Ch < 1% Cro				98%	6 Other
WBS1085G04		Brown Fibrous Homogeneous	Teased	< 1% Ch	rysotile			100%	6 Other
WBS027G01		Brown Fibrous Homogeneous	Teased	2% Ch	rysotile			98%	6 Other
WBS027G02		Brown Non Fibrous Homogeneous	Teased	< 1% Ch	rysotile			100%	6 Other
WBS027G03		Brown Non Fibrous Homogeneous	Teased	< 1% Chr	rysotile			100%	6 Other
WBS027G04		Brown Non Fibrous Homogeneous	Teased	No	ne Detected			100%	6 Other

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Houston, TX 713-686-3635

Ecology & Environment, Inc 11550 Newcastle Ave #250 Baton Rouge LA 70816

Tuesday June 03 1997

Ref Number TX972069

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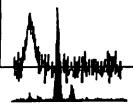
Project WESTBANK ASBESTOS

			SAMPLE	ASBE	STOS		NONASE	SESTOS	
SAMPLE	LOCATION	APPEARANCE	TREATMENT	%	TYPE	%	FIBROUS	%	NONFIBROUS
WBS027G05	(b) (6)	Brown Non Fibrous Homogeneous	Teased	< 1% Chi	rysotile			100%	% Other
WBS1208G01		Brown Non Fibrous Homogeneous	Teased	< 1% Chi	ysotile			100%	% Other
WBS048G01		Brown Non Fibrous Homogeneous	Teased	2% Chr < 1% Cro				98%	6 Other
WBS048G02		Brown Non Fibrous Homogeneous	Teased	2% Chr < 1% Cro				98%	6 Other
WBS1064G01		Brown Non Fibrous Homogeneous	Teased	< 1% Chr	ysotile			100%	6 Other
WBS1064G02		Brown Non Fibrous Homogeneous	Teased	< 1% Chr	ysotile			100%	6 Other

Comments For all obviously heterogeneous samples easily separated into subsamples and for layered samples each component is analyzed separately Also # of Layers refers to number of separable subsamples

Analyst

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Tuesday June 03 1997

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Project WESTBANK ASBESTOS

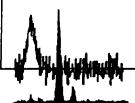
SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBE:	STOS TYPE	%	<u>NONASB</u> FIBROUS	<u>ESTOS</u> %	NONFIBROUS
WBS440G01	(b) (6)	Brown Non Fibrous Homogeneous	Teased	2% Chṛ	ysotile			989	% Other
WBS440G02		Brown Non Fibrous Homogeneous	Teased	2% Chr	ysotile			989	% Other
WBS440G03		Brown Non Fibrous Homogeneous	Teased	2% Chry < 1% Cros				989	6 Other

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Analytical Services Center

4493 Walden Avenue Lancaster New York 14086 Tel 716/685 8080 Fax 716/685 0852

International Specialists in the Environment

CHAIN OF CUSTODY RECORD

Project No D24641 2AG1	Project		on	K /	Asbestos			Projec Manager	Jagur	1						$\overline{//}$	7//
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Distribution Original Accompanies Shipment Copy to Coordinator Field Files

^{*}See CONCENTRATION RANGE on back of form



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CHAIN OF CUSTODY RECORD

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WB-AP196

Client	Ecology 8	L Environmer	it, Inc		Logged	6/1/9	7		TAT	24 Hour	
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Project V		ASBESTOS		Treatment	Asbestos Results	Fibrous	Non Fibrous	TX972069
1 Brown 2 Grey 3 Tan 4 White 5 Red	6 Various 7 Black 8 Silver 9 Blue 0 Orange	Pearance Fibrous Non Fibrous Other	1 Homogeneous 2 Heterogeneous 3 Other 4 Layers (#)	1 Teased 2 Crushed 3 Dissolved 4 Ashed	1 Chrysotile 2 Amosite 3 Arthophyilite 4 Tremolite 5 Actinolite 6 Crocidolite 0 None Detected	1 Cellulose 2 Glass 3 Min Wool 4 Synthetic 5 Other 6 Wollastonite 7 Hair	1 Quartz 2 Mica 3 Gypsum 4 Cal Carbonate 5 Matrix 6 Perlite 7 Other	High
Samp	nle	Location	Appearance	Treatment	% ASBESTOS	Fibrous Type 9	Non Fibrous Type %	yers
WBS			\	\	1 Chilapile		7 986	1 SK9 / SSE
a	602	u –	3	\	1 Chrysoti	16	7/10%	SY1 1.556
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2900)-	55		3		Chrisotile		-1 rag	/547 / SS /
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Address Fax	Baton Roi (504) 363	wcastle Ave uge LA 7081 4732 K ASBESTOS		(Date/Time Due	6/2/		9 00 <i>A</i> ecial Hai				ling Numbe TX972069
1 Brown 2 Grey 3 Tan 4 White 5 Red		ppearance Fibrous 2 Non Fibrous 3 Other	Homogeneous Heterogeneous 3 Other 4 Layers (#)	Treatment 1 Teased 2 Crushed 3 Dissolved 4 Ashed	Asbestos Res I Chrysotile 2 Amoste 3 Arthophydite 4 Tremolite 5 Actinolite 6 Crocidolite 0 None Detected	4	Cellulose Glass Min Wood Synthetic Other Wollastoni Hair	ite	1 Quartz 2 Mica 3 Gypsun 4 Cal Ca 5 Matrix 6 Perlite 7 Other	rbonate		ER 1 1 2 Med 1 H gh 1 S ghi
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Ecology & Environment, Inc 11550 Newcastle Ave #250 Baton Rouge LA 70816

Wednesday June 04 1997

Ref Number TX972097

POLARIZED LIGHT MICROSCOPY (PLM)

Project 020601RAG1 WESTBANK ASBESTOS

			SAMPLE	<u>ASBESTOS</u>		NONASBE	STOS	
SAMPLE	LOCATION	APPEARANCE	TREATMENT	% TYPE	%	FIBROUS	%	NONFIBROUS
WBS321G01	(b) (6)	Brown Fibrous Homogeneous	Teased	10% Chrysotile 1% Crocidolite			89%	Other
WBS321G02	_	Brown Non Fibrous Homogeneous	Teased	2% Chrysotile < 1% Crocidolite			98%	Other
WBS028G01		Brown Non Fibrous Homogeneous	Teased	< 1% Chrysotile			100%	Other
WBS028G02		Brown Non Fibrous Homogeneous	Teased	5% Chrysotile < 1% Crocidolite			95%	Other
WBS028G03		Brown Non Fibrous Homogeneous	Teased	< 1% Chrysotile < 1% Crocidolite			100%	Other
WBS039G01		Brown Non Fibrous Homogeneous	Teased	None Detected			100%	Other

Comments For all obviously heterogeneous samples easily separated into subsamples and for layered samples each component is analyzed separately Also # of Layers refers to number of separable subsamples

Carlos D Salınas Analyst

Approved Signatory

Disclaimers PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All NVLAP reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.



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Houston, TX 713-686-3635

Ecology & Environment, Inc 11550 Newcastle Ave #250 Baton Rouge LA 70816

Wednesday June 04 1997

Ref Number TX972097

POLARIZED LIGHT MICROSCOPY (PLM)

Project 020601RAG1 WESTBANK ASBESTOS

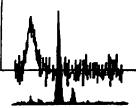
			SAMPLE	ASB	<u>ESTOS</u>		<u>NONASB</u>	<u>ESTOS</u>	
SAMPLE	LOCATION	APPEARANCE	TREATMENT	%	TYPE	%	FIBROUS	%	NONFIBROUS
WBS047G01	-(b) (6)	Brown Non Fibrous Homogeneous	Teased	< 1% Ch	rysotile			100%	6 Other
WBS452G01		Brown Non Fibrous Homogeneous	Teased	< 1% Ch	rysotile			100%	6 Other

Comments For all obviously heterogeneous samples easily separated into subsamples and for layered samples each component is analyzed separately Also '# of Layers refers to number of separable subsamples

Carlos D Salinas

Analyst

Approved Signatory



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TX972097

CHAIN OF CUSTODY RECORD

Page ____ of ____

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EMSL

Ecology & Environment, Inc 11550 Newcastle Ave #250 Baton Rouge LA 70816 Wednesday June 04 1997

Ref Number TX972120

POLARIZED LIGHT MICROSCOPY (PLM)

REC'D JUN 0 8 1997

Project 020601RAG1 WESTBANK ASBESTOS

			SAMPLE	ASBE	STOS		<u>NONASB</u>	BESTOS		
SAMPLE	LOCATION	APPEARANCE	TREATMENT	%	TYPE	%	FIBROUS	%	NONFIBROUS	
WBS036G01	(b) (6)	Brown Non Fibrous Homogeneous	Teased	No	ne Detected			100%	6 Other	
WBS467G01		Brown Non Fibrous Homogeneous	Teased	No	ne Detected			100%	6 Other	
WBS467G02		Brown Non Fibrous Homogeneous	Teased	< 1% Ch	ysotile			100%	6 Other	
WBS467G03		Brown Non Fibrous Homogeneous	Teased	< 1% Chi	ysotile			100%	6 Other	
WBS326G01		Brown Non Fibrous Homogeneous	Teased	< 1% Chr	ysotile			100%	6 Other	
WBS326G02		Brown Non Fibrous Homogeneous	Teased	< 1% Chr	ysotile			100%	Other	

Comments For all obviously heterogeneous samples easily separated into subsamples and for layered samples each component is analyzed separately Also # of Layers refers to number of separable subsamples

Arthur Hernandez

Analyst

Approved Signatory

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W. W. White

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Greensboro NC 910-297 1487

Houston, TX 713 686-3635 97 EMSL

Ecology & Environment, Inc 11550 Newcastle Ave #250 Baton Rouge LA 70816 Wednesday June 04 1997

Ref Number TX972120

POLARIZED LIGHT MICROSCOPY (PLM)

Project 020601RAG1 WESTBANK ASBESTOS

			SAMPLE	<u>ASBESTOS</u>		NONASBESTO	<u>)S</u>
SAMPLE	LOCATION	APPEARANCE	TREATMENT	% TYPE	% 1	FIBROUS %	NONFIBROUS
WBS326G03	(b) (6)	Brown Non Fibrous Homogeneous	Teased	None Detected		100	0% Other
WBS326G04		Brown Non Fibrous Homogeneous	Teased	< 1% Chrysotile		100	0% Other
WBS326G05		Brown Non Fibrous Homogeneous	Teased	None Detected		100	0% Other
WBS382G01		Brown Fibrous Homogeneous	Teased	2% Chrysotile < 1% Crocidolite		98	8% Other
WBS382G02		Brown/White Fibrous Homogeneous	Teased	40% Chrysotile 2% Crocidolite		58	8% Other
WBS382G03		Brown Fibrous Homogeneous	Teased	4% Chrysotile < 1% Crocidolite		96	6% Other

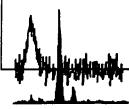
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Arthur Hernandez Jr

Analyst

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Wednesday June 04 1997

Ref Number TX972120

Ecology & Environment, Inc 11550 Newcastle Ave #250 Baton Rouge LA 70816

POLARIZED LIGHT MICROSCOPY (PLM)

Project 020601RAG1 WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBE:	STOS TYPE	%	<u>NONASB</u> FIBROUS	ESTOS %	NONFIBROUS
WB\$047G04	(b) (6)	Brown Non Fibrous Homogeneous	Teased	< 1% Chry	ysotile			100%	% Other
WBS047G02		Brown Non Fibrous Homogeneous	Teased	< 1% Chry	/sotile			100%	% Other
WBS047G03		Brown/White Fibrous Homogeneous	Teased	4% Chry < 1% Croc				96%	6 Other

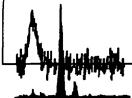
Comments For all obviously heterogeneous samples easily separated into subsamples and for layered samples each component is analyzed separately Also # of Layers refers to number of separable subsamples

Arthur Hernandez J

Analyst

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International Specialists in the Environment Page ____ of ____ CHAIN OF CUSTODY RECORD TX972120 Project No C20601 RAGI Project Manager

Jeff WRight Project Name Westbank Asbestos Alma Rille Parson Miller GREGORY R DAY REMARKS SAMPLE INFORMATION NUMBER STATION OF DATE TIME COMP STATION LOCATION NUMBER CON EPA Tag# **EXPECTED COMPOUNDS (Concentration)** 97 1132 6 QUX527 Asbistes (L (01 WB5467 668539 209 681 WB5467 008528 263 G#2 MB>467 448529 w35326 WBSOZE 1449 G€2 WB5326 G€3 1455 1459 1447 420 G01 E03 008536 WB378 6 008537 603 ~ 3504 C104 1554 6-60554 4766 10-11/15535 (Sighature) Date/Time Received By (Signature) Relinqui hed By (Signature) Date/T me 060297/16M Frd EX Relinquished By (Signature) Received By (Signature) Relinquished By (Signature) Date/Time Received By (Signature) BL/Airb II Number Date Received For Laboratory By (IS/dnaffire) Relinquished By (Signature) Date/Time Relinqui hed By (Signature) Date/Time Recei ed For Laboratory By 2252235742 c6/02/97 (Signature) Distribution Original Accompanies Shipment Copy to Coordinater Field Files 7 9 00 See CONCENTRATION RANGE on back of form



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CHAIN OF CUSTODY RECORD

Page 7 of Z

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Fax	(504) 363	- 4732								TX9	72120
Project	020601RA	31 WESTBANK	ASBESTOS					 	_		,
1 Brown 2 Grey 3 Tan 4 White 5 Red	6 Various 7 Black 8 Silver 9 Blue 0 Orange	ppearance Fibrous 2 Non Fibrous 3 Other 1 2 3 3 3 3 3 3 3 3 3	1 Homogeneous 2 Heterogeneous 3 Other 4 Layers (#)	Treatment 1 Teased 2 Crushed 3 Dissolved 4 Ashed	Asbestos Result Chrysotife 2 Amoste 3 Arthophythte 4 Tremolite 5 Actinolite 6 Crocidolite 0 None Detected	1 2 3 4 5 6	Fibrous Cellulose Glass Min Wool Synthetic Other Wollastonite Hair Fibrous	l Quartz 2 Mica 3 Gypsui 4 Cal Ci 5 Matrix 6 Perhite 7 Other	n	1 W 2 gh pecf pecf 2 Y	RR 1 2 Med H gh 1 2 2 2 2 2 7 5 5 5 5 5 6 1 1 1 1 1 1 1 1 1
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Client **Ecology & Environment, Inc** Logged 6/3/97

TAT 24 Hour

Address

11550 Newcastle Ave #250

Date/Time Due 6/4/97

Baton Rouge LA 70816

Special Handling

9 00 AM

Billing Number

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TX972120

Project	020601RAG1	WESTBANK	ASBESTOS
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	Appearance		Treatment	Asbestos Results	Fibrous	Non Fibrous	
1 Brown 6 Various 2 Grey 7 Black 3 Tan 8 Silver 4 White 9 Blue 5 Red 0 Orange	1 Fibrous 2 Non Fibrous 3 Other	1 Homogeneous 2 Heterogeneous 3 Other 4 Layers (#)	1 Teased 2 Crushed 3 Dissolved 4 Ashed	4 Tremolite 5 Actinolite 6 Crocidolite	1 Cellulose 2 Glass 3 Min Wool 4 Synthetic 5 Other 6 Wollastonite 7 Hair	1 Quartz 2 Mica 3 Gypsum 4 Cal Carbonate 5 Matrix 6 Perlite 7 Other	M
					Fibrous	Non Fibrous	#
Sample	Location	Appearance	Treatment	% ASBESTOS	Type %	Type % C	Layers
G05		3	\	W.D			
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			-				M S E

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Attn Barbara Storey

Ecology & Environment, Inc
11550 Newcastle Ave #250
Baton Rouge LA 70816

Thursday June 12 1997

Ref Number TX972134



POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project WESTBANK ASBESTOS

			SAMPLE	<u>ASBE</u>	<u>stos</u>		NONASE	ESTOS	
SAMPLE	(b) (6)	APPEARANCE	TREATMENT	%	TYPE	%	FIBROUS	%	NONFIBROUS
WBS222G02		Brown Non Fibrous Homogeneous	Teased	Non	e Detected			100%	6 Other
WBS222G01		Brown Non Fibrous Homogeneous	Teased	< 1% Chr	ysotile			100%	6 Other
WBS040G01 % E		Brown Fibrous Homogeneous	Teased	2% Chr	ysotile			98%	6 Other
WBS729G01		Brown Fibrous Homogeneous	Teased	2% Chr	ysotile			98%	6 Other
WBS1085G05		Brown Fibrous Homogeneous	Teased	3% Chr	ysotile			97%	6 Other
WBS815G01		Brown Fibrous Homogeneous	Teased	2% Chry	/sotile			98%	Other

Comments For all obviously heterogeneous samples easily separated into subsamples and for layered samples each component is analyzed separately Also # of Layers refers to number of separable subsamples

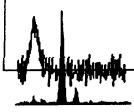
NY samples also analyzed by ELAP 198 1 Method

Arthur Hernandez J Analyst

Approved Signatory

Disclaimers PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All. NVLAP reports with NVLAP logo must contain at least one signature to be valid Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze tayered samples.

Analysis performed by EMSL of Houston (NVLAP Air and Bulk #102106)



Westmont NJ Piscataway NJ Carle Place NY Manhattan NY Seattle WA Ann Arbor MI San Mateo CA Smyrna GA Greensboro NC Houston TX 609-858-4800 908 981-0550 516 997 7251 212 290-0052 203 233 9007 313-668-6810 415 570-5401 404 333-6066 910 297 1487 713-686 3635

Attn Barbara Storey

Ecology & Environment, Inc
11550 Newcastle Ave #250
Baton Rouge LA 70816

Thursday June 12 1997

Ref Number TX972134



POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

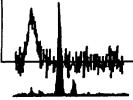
Project WESTBANK ASBESTOS

			SAMPLE	ASBI	ESTOS		NONASB	<u>ESTOS</u>	
SAMPLE	LOCATION	APPEARANCE	TREATMENT	%	TYPE	%	FIBROUS	%	NONFIBROUS
WBS815G02	o) (6)	Brown/White	Teased	60% Ch	rysotile	T		38%	6 Other
		Fibrous Homogeneous		2% Cr	ocidolite				
WBS815G03		Brown	Teased	5% Ch	rysotile			95%	Other
		Fibrous Homogeneous		< 1% Cro	ocidolite				
WBS815G04		Brown/White	Teased	10% Ch				90%	6 Other
		Fibrous Homogeneous		< 1% Cro	ocidolite				
WBS815G05		Brown	Teased	3% Ch	rysotile			97%	Other
		Fibrous Homogeneous		< 1% Cro	ocidolite				
WBS815G06		Brown	Teased	3% Ch	rysotile			97%	Other
		Fibrous Homogeneous		< 1% Cro	ocidolite				

Comments For all obviously heterogeneous samples easily separated into subsamples and for layered samples each component is analyzed separately Also # of Layers refers to number of separable subsamples

* NY samples also analyzed by ELAP 198 1 Method

Arthur Herrfandez Jr Analyst Approved Signatory



Disclaimers PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government All. NVLAP reports with NVLAP logo must contain at least one signature to be valid Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples. Analysis performed by EMSL of Houston (NVLAP Air and Bulk #102106)

0

Client Ecology & Environment, Inc

Logged

6/4/97

TAT 24 Hour

Address

11550 Newcastle Ave #250

Baton Rouge LA 70816

Date/Time Due

6/5/97

9 00 AM

Fax

(504) 363 - 4732

Special Handling

Billing Number

TX972134

Project WESTBANK ASBESTOS

	Appearance		Treatment	Asbestos Results	Fibrous	Non Fibrous]	I gR I Low B
1 Brown 6 Various 2 Grey 7 Black 3 Tan 8 Silver 4 White 9 Blue 5 Red 0 Orange	1 Fibrous 2 Non Fibrous 3 Other	l Homogeneous 2 Heterogeneous 3 Other 4 Layers (#)	1 Teased 2 Crushed 3 Dissolved 4 Ashed	2 Amosite 3 Arthophyshte 4 Tremolite 5 Actinolite 6 Crocidolite	1 Cellulose 2 Glass 3 Min Wool 4 Synthetic 5 Other 6 Wollastonite 7 Harr	1 Quartz 2 Mica 3 Gypsum 4 Cal Carbonate 5 Matrix 6 Perlite 7 Other		3 H gh 1 Wery 1 2 Straight 2 3 Specify P 1 Tes 2 N 1 # 5 2 P O
				V WORE Delected	Fibrous		#	
Sample	Location	Appearance	Treatment	% ASBESTOS		% Type %	Layers	
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\0 < 70 O		\		1 Chrysotile		798		SYPHOLIC B
NBSIDG				2010				l s
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280128W		(1 Chrysotile		7979		246 127 F 1 B
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	-			crocidolite	-<19/6		-	Je 1 E
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Analyst Cart Date	06-06-97	Computer	 Date	



6/4/97 **TAT** 24 Hour Client **Ecology & Environment, Inc** Logged **Address** 11550 Newcastle Ave #250 Date/Time Due 6/5/97 9 00 AM Baton Rouge LA 70816 **Billing Number** Special Handling Fax (504) 363 - 4732 TX972134 **WESTBANK ASBESTOS Project** Treatment Asbestos Results Non Fibrous **Appearance Fibrous** l Cellulose 2 Glass 1 Quartz 2 Mica 1 Brown 6 Vanous 7 Black 1 Homogeneous 1 Teased 2 Crushed 1 Chrysotile 2 Amosite

3 Tan 8 S 4 White 9 E	Black Silver Blue Orange	2 Non Fibrous 3 Other	2 Heterogeneous 3 Other 4 Layers (#)	2 Crushed 3 Dissolved 4 Ashed	3 Arthophysiste 4 Tremolite 5 Actinolite 6 Crocidolite	2 Glass 3 Min Wool 4 Synthetic 5 Other 6 Wollastonit 7 Hair		2 Mica 3 Gypsun 4 Cal Cai 5 Matrix 6 Perlite 7 Other	n rbonate		1 Wery 2 Straight 3 Spec fy	1 1 E
					Total District	Fibr	ous		ibrous	#		- 1 Spoorly
Sample		Location	Appearance	Treatment	% ASBESTOS	Туре	%	Туре	300	Layers		
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Analyst	 Date	Computer	 Date	



ecology and environment, inc.

Analytical Services Center 4493 Walden Avenue Lancaster New York 14086 Tel 716/685 8080 Fax 716/685 0852 International Specialists in the Environment

CHAIN OF CUSTODY RECORD

Project No 62060	RAG	Project	Name ST	00/	njo	Asbest	٥٥_		Project Manager	E Wright	2/ /						
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*See CONCENTRATION RANGE on back of form

RANGE

Liquid

Soil

0 - 50ppb 0 - 50ppm L (Low) 51 - 1000ppb 51-1000ppm M (Medium) >1000ppm H (High) > 1000ppb

Westmont, NJ 609-858-4800

Placataway N 908-981-0550 Carle Place, NY 516-997 7251 Manhattan, NY 212-290-0052 Seattle, WA 203-233 9007 Ann Arbor MI 313-668-6810

bor MI San Mateo, CA 88.6810 415.570-5401

A Si

Smyrna, GA 404-333-6066 Greensboro, NC 910-297 1487 Houston, TX 713-686-3635 EMSL

Ecology & Environment, Inc 11550 Newcastle Ave #250 Baton Rouge LA 70816 Friday June 06 1997

Ref Number TX972189

POLARIZED LIGHT MICROSCOPY (PLM)

Project WESTBANK ASBESTOS / 020601-RAG1

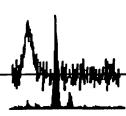
			SAMPLE	<u>ASBESTOS</u>		NONASB	<u>ESTOS</u>	
SAMPLE	LOCATION	APPEARANCE	TREATMENT	% TYPE	%	FIBROUS	%	NONFIBROUS
WBS636G01	(b) (6)	Brown Non Fibrous Homogeneous	Teased	< 1% Chrysotile < 1% Crocidolite			100%	% Other
WBS636G02		Brown Non Fibrous Homogeneous	Teased	< 1% Chrysotile			100%	% Other
WBS636G03		Brown Non Fibrous Homogeneous	Teased	< 1% Chrysotile			100%	% Other
WBS636G04		Brown Non Fibrous Homogeneous	Teased	< 1% Chrysotile			100%	% Other
WBS049G01		Brown Non Fibrous Homogeneous	Teased	< 1% Chrysotile			100%	6 Other
WBS049G02		Brown Non Fibrous Homogeneous	Teased	< 1% Chrysotile			100%	6 Other

Comments For all obviously heterogeneous samples easily separated into subsamples and for layered samples each component is analyzed separately Also # of Layers refers to number of separable subsamples

Arthur Hernandez Jr Analyst

Approved Signatory

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San Mateo CA Ann Arbor MI Carle Place, NY Manhattan, NY Seattle, WA Piscataway NJ 415-570-5401 313-668-6810 609-858-4800 516 997 7251 212-290-0052 203 233 9007 908 981-0550

Smyrna, GA Greensboro NC 404-333-6066 910 297 1487

Houston TX

713-686-3635

Ecology & Environment, Inc 11550 Newcastle Ave #250 Baton Rouge LA 70816

Friday June 06 1997

Ref Number TX972189

POLARIZED LIGHT MICROSCOPY (PLM)

Project WESTBANK ASBESTOS / 020601-RAG1

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	<u>ASBI</u> %	ESTOS TYPE	%	<u>NONASB</u> FIBROUS	ESTOS %	NONFIBROUS
WBS049G03	b) (6)	Brown Non Fibrous Homogeneous	Teased	< 1% Ch	rysotile			100%	6 Other
WBS049G04		Brown Non Fibrous Homogeneous	Teased	< 1% Ch	rysotile			100%	% Other
WBS049G05		Brown Non Fibrous Homogeneous	Dissolved	< 1% Ch < 1% Cro	-			100%	6 Other

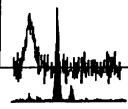
Comments For all obviously heterogeneous samples easily separated into subsamples and for layered samples each component is analyzed separately Also # of Layers refers to number of separable subsamples

Arthur Hernandez Jr

Analyst

Approved Signatory

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ecology and environment, inc

Analytical Services Center
4493 Walden Avenue Lancaster New York 14086 Tel 716/685 8080 Fax 716/685 0852 International Specialists in the Environment

CHAIN OF CUSTODY RECORD

Page ____ of ____

Project No 02060 RA	61	Project I	Name 25 Hb (ank	Asbes	itos		Project Manager	Iright					$\overline{//}$		
Samplers	(Signatur	res) Cleca	Jh.	gor	Asber	y		Field Team Lea	Day / Ba	irbara Sto	rey				REMAR	ĸs
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See CONCENTRATION RANGE on back of form

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Analyst Trick Date 06-06-97 Computer _____ Date _____



Client **Ecology & Environment, Inc**

6/5/97 Logged

24 Hour TAT

Address

11550 Newcastle Ave #250

Date/Time Due

6/5/97

9 00 AM

Fax

(504) 363 - 4732

Special Handling

Billing Number

TX972189

Project WESTBANK ASBESTOS / 020601 RAG1 Appearance

Baton Rouge LA 70816

	Ap	pearance		Treatment	Asbestos Results	Fibrous	Non Fibrous]	I \$R	l Low B
2 Grey 7 3 Tan 8 4 White 9	Various Black Silver Blue Orange	1 Fibrous 2 Non Fibrous 3 Other	1 Homogeneous 2 Heterogeneous 3 Other 4 Layers (#)	1 Teased 2 Crushed 3 Dissolved 4 Ashed	1 Chrysotile 2 Amosite 3 Arthophylite 4 Tremolite 5 Actinolite 6 Crosdolite	1 Cellulose 2 Glass 3 Min Wool 4 Synthetic 5 Other 6 Wollastorute 7 Hair	l Quartz 2 Mica 3 Gypsum 4 Cal Carbonate 5 Matrix 6 Perlite 7 Other		M 1 Wery 2 Strught 3 Spec fy	3 High 8 1 2 E 1 # 2 P O
			·	.		Fibrous	Non Fibrous	# Layers		
Sample		Location	Appearance	Treatment	% ASBESTOS	Type %	Type %	Layers	1	L. 10
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Analyst Control Date	06-06-97	Computer	 Date	-
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Westmont, NJ 609-858-4800

Piscataway NJ 4908 981-0550

516-997 7251

Carle Place, NY

Manhattan, NY 212 290-0052

Seattle, WA 203 233 9007 Ann Arbor MI 313-668-6810

San Mateo, CA 415 570-5401

Smyrna, GA 404-333-6066 Greensboro, NC 910-297 1487

Houston, TX 713-686-3635

Ecology & Environment, Inc

11550 Newcastle Ave #250 Baton Rouge LA 70816

Tuesday June 10 1997

Ref Number TX972214

REC'D JUN 23 1997

POLARIZED LIGHT MICROSCOPY (PLM)

Project 020601RAG1 WESTBANK ASBESTOS

			SAMPLE	<u>ASBESTOS</u>		NONASB.	<u>ESTOS</u>		
SAMPLE	LOCATION	APPEARANCE	TREATMENT	% TYPE	%	FIBROUS	%	NONFIBROUS	
WBS495G01	(b) (6)	Brown Non Fibrous Homogeneous	Teased	< 1% Chrysotile < 1% Crocidolite			100%	Other	
WBS495G02	-	Brown Fibrous Homogeneous	Teased	2% Chrysotile < 1% Crocidolite			98%	Other	
WBS485G01	-	Brown Non Fibrous Homogeneous	Teased	< 1% Chrysotile			100%	Other	
WBS485G02	_	Brown Non Fibrous Homogeneous	Teased	< 1% Chrysotile			100%	Other	
WBS485G03		Brown Fibrous Homogeneous	Teased	2% Chrysotile			98%	Other	
WBS1109G01		Brown Non Fibrous Homogeneous	Teased	< 1% Chrysotile			100%	Other	

Comments For all obviously heterogeneous samples easily separated into subsamples and for layered samples each component is analyzed separately Also # of Layers refers to number of separable subsamples

Arthur Hernandez **Analyst**

(pproved Signatory

Disclaimers PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government All NVLAP reports with NVLAP logo must contain at least one signature to be valid Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples

Westmont, NJ Piscataway NJ 609-858-4800

ĐOR 981-0550

Carle Place, NY 516-997 7251

Manhattan, NY 212 290-0052

Seattle, WA 203 233 9007 Ann Arbor Mi 313.668.6810

San Mateo, CA 415-570-5401

Smyrna, GA 404-333-6066 Greensboro, NC 910-297 1487

Houston, TX 713-686-3635

Ecology & Environment, Inc 11.550 Newcastle Ave #250 Baton Rouge LA 70816

Tuesday June 10 1997

Ref Number TX972214

POLARIZED LIGHT MICROSCOPY (PLM)

Project 020601RAG1 WESTBANK ASBESTOS

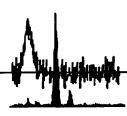
			SAMPLE	ASBE	STOS		NONASBESTOS				
SAMPLE	LOCATION	APPEARANCE	TREATMENT	%	TYPE	%	FIBROUS	%	NONFIBROUS		
WBS492G01	(b) (6)	Brown Ion Fibrous Iomogeneous	Teased	< 1% Chr	ysotile			100%	6 Other		
WBS492G02		Brown Ion Fibrous Iomogeneous	Teased	< 1% Chr	ysotile			100%	6 Other		
WBS040G02	_	Brown/White Fibrous Homogeneous	Teased	30% Chr 2% Cro				68%	6 Other		
WBS040G02	_	Brown fibrous fomogeneous	Teased	3% Chr < 1% Cro	-			97%	6 Other		
WBS040G03		Frown Ion Fibrous Iomogeneous	Teased	< 1% Chr	ysotile			100%	6 Other		
WBS482G01		Frown Ion Fibrous Homogeneous	Teased	< 1% Chr	ysotile			100%	6 Other		

Comments For all obviously heterogeneous samples easily separated into subsamples and for layered samples each component is analyzed separately Also '# of Layers refers to number of separable subsamples

Arthur Hernandez **Analyst**

*pproved Signatory

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Piscataway NJ 908-981-0550 Carle Place, NY 516-997 7251

Manhattan, NY 212-290-0052

17

Seattle, WA 203 233 9007 Ann Arbor MI 313-668-6810 San Mateo, CA 415-570-5401 Smyrna, GA 404-333-6066 Greensboro, NC 910-297 1487 Houston, TX 713-686-3635 EMSL

Ecology & Environment, Inc 11550 Newcastle Ave #250 Baton Rouge LA 70816 Tuesday June 10 1997

Ref Number TX972214

POLARIZED LIGHT MICROSCOPY (PLM)

Project 020601RAG1 WESTBANK ASBESTOS

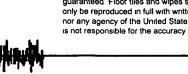
			SAMPLE	<u>ASBI</u>	<u>ESTOS</u>	NONASBESTOS				
SAMPLE	LOCATION	APPEARANCE	TREATMENT	%	TYPE	%	FIBROUS	%	NONFIBROUS	
WBS482G02	(b) (6)	Brown Non Fibrous Homogeneous	Teased	< 1% Ch	rysotile			100%	6 Other	
WBS482G03		Brown Non Fibrous Homogeneous	Teased/Teased	< 1% Ch	rysotile			100%	6 Other	

Comments For all obviously heterogeneous samples easily separated into subsamples and for layered samples each component is analyzed separately Also # of Layers refers to number of separable subsamples

Arthur Hernandez Jr

Analyst

Approved Signatory



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Client	Ecology	& Environme	nt, Inc		Logged	6/6	/97		TAT	24 Hou	r	
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3 Tan 4 White 5 Red	8 Silver 9 Blue 0 Orange	3 Other	3 Other 4 Layers (#)	3 Dissolved 4 Ashed	4 Tremolite 5 Actinolite	4	Synthetic Other	4 Cal Car 5 Matrix			1
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Fax	(504) 363	4732					1	TX972214
Project		1 WESTBANK	ASBESTOS	12				
I Brown 2 Grey 3 Tan 4 White 5 Red	6 Various 7 Black 8 Silver 9 Blue 0 Orange	1 Fibrous 2 Non Fibrous 3 Other	1 Homogeneous 2 Heterogeneous 3 Other 4 Layers (#)		Asbestos Resu Chrysotile Amosite Arthophyilite Tremolite Actinolite Crocidolite None Detected	Cellulose 2 Glass 3 Min Wool 4 Synthetic 5 Other 6 Wollastonite 7 Hair	Non Fibrous I Quarty 2 Mica 3 Gypsum 4 Cal Carbonate 5 Matrix 6 Perlite 7 Other	2 Mmb 3 H gh 1 W 7 1 2 5 gh 1 Spec fy 2 N 2 P 3 Spec d
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TAT 24 Hour 6/6/97 Client Ecology & Environment, Inc Logged 9 00 AM Date/Time Due 6/9/97 11550 Newcastle Ave #250 Address Baton Rouge LA 70816 Special Handling Billing Number Fax (504) 363 - 4732 TX972214 Project 020601RAG1 WESTBANK ASBESTOS

r		ppearance		Treatment	Asbestos Results	Fibrous	Non Fibrous	IR I Lo B
l Brown 2 Grey 3 Tan 4 White 5 Red	6 Various 7 Black 8 Silver 9 Blue 0 Orange	1 Fibrous 2 Non Fibrous 3 Other	1 Homogeneous 2 Heterogeneous 3 Other 4 Layers (#)	1 Teased 2 Crushed 3 Dissolved 4 Ashed	1 Chrysotile 2 Amosite 3 Arthophyllite 4 Tremolite 5 Actinolite 6 Crocidolite 0 None Detected	I Cellulose 2 Glass 3 Min Wool 4 Synthetic 5 Other 6 Wollastonite 7 Hair	l Quartz 2 Mica 3 Gypsum 4 Cal Carbonate 5 Matrix 6 Perlite 7 Other	1 M
						Fibrous	Non Fibrous	#
San	nple (b)	Location (6)	Appearance	Treatment	% ASBESTOS	Type %	1900	ayers
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Analyst Computer _____ Date _____



ecology and environment, inc.

Analytical Services Center 4493 Walden Avenue Lancaster New York 14086 Tel 716/685 8080 Fax 716/685 0852 International Specialists in the Environment

CHAIN OF CUSTODY RECORD

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Distribution Original Accompanies Shipment Copy to Coordinator Field Files

^{*}See CONCENTRATION RANGE on back of form

CONCENTRATION INFORMATION

EXPECTED

RANGE

CONCENTRATION RANGE

Liquid

Soil

L (Low)

0 - 50ppb

0 - 50ppm

M (Medium)

51 - 1000ppb

51 - 1000ppm

H (High)

> 1000ppm

Westmont NJ Piscataway NJ Carle Place NY Manhattan NY Seattle WA Ann Arbor MI San Mateo CA Smyrna GA Greensboro NC Houston TX 609 858-4800 908 981-0550 516 997 7251 212 290-0052 203 233 9007 313-668-6810 415 570 5401 404 333-6066 910 297 1487 713-686 3635

Attn Barbara Storey

Ecology & Environment, Inc
11550 Newcastle Ave #250
Baton Rouge LA 70816

Thursday June 12 1997

Ref Number TX972283



POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project WESTBANK ASBESTOS

			SAMPLE	ASBES1	<u>ros</u>	<u>NONASBESTOS</u>				
SAMPLE	LOCATION	APPEARANCE	TREATMENT	%	TYPE	%	FIBROUS	%	NONFIBROUS	
WBS1001G01	(b) (6)	Brown Non Fibrous Homogeneous	Teased	< 1% Chrys	otile			100%	6 Other	
WBS1001G02		Brown Non Fibrous Homogeneous	Teased	None	Detected			100%	6 Other	
WBS1001G03		Brown Non Fibrous Homogeneous	Teased	< 1% Chrys	otile			100%	6 Other	
WBS1001G04		Brown Non Fibrous Homogeneous	Teased	< 1% Chryse	otile			100%	6 Other	
WBS485G04		Brown Non Fibrous Homogeneous	Teased	< 1% Chryso	otile			100%	6 Other	
WBS485G05		Brown Non Fibrous Homogeneous	Teased	< 1% Chryso	otile			100%	6 Other	

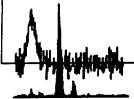
Comments For all obviously heterogeneous samples easily separated into subsamples and for layered samples each component is analyzed separately Also # of Layers refers to number of separable subsamples

* NY samples also analyzed by ELAP 198 1 Method

Arthur Hernandez Jr

Analyst

Approved Signatory



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Westmont NJ Piscataway NJ Carle Place NY Manhattan NY Seattle WA Ann Arbor MI San Mateo CA Smyrna GA Greensboro NC Houston TX 609 858-4800 908 981-0550 516 997 7251 212 290-0052 203 233 9007 313-668-6810 415 570-5401 404 333-6066 910 297 1487 713-686 3635

Attn Barbara Storey

Ecology & Environment, Inc
11550 Newcastle Ave #250
Baton Rouge LA 70816

Thursday June 12 1997

Ref Number TX972283



POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

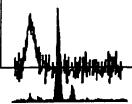
Project WESTBANK ASBESTOS

			SAMPLE	<u>ASB</u>	ASBESTOS		<u>NONASB</u>		
SAMPLE	LOCATION	APPEARANCE	TREATMENT	%	TYPE	%	FIBROUS	%	NONFIBROUS
WBS485G06	(b) (6)	Brown Non Fibrous Homogeneous	Teased	No	one Detected			100%	Other

Comments For all obviously heterogeneous samples easily separated into subsamples and for layered samples each component is analyzed separately Also # of Layers refers to number of separable subsamples

* NY samples also analyzed by ELAP 198 1 Method

Arthur Hernandez Jr Analyst Approved Signatory



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Analysis performed by EMSL of Houston (NVLAP Air and Bulk #102106)

Client	Ecology &	Environmen	t, Inc		Logged	6/9/9	97		TAT	24 Hour	
Address		castle Ave # e LA 70816		[Date/Time Due	6/10					
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Project	WESTBANK	ASBESTOS								1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
	App	earance		Treatment	Asbestos Resu	ilts	Fibrous	Non F	ibrous]	1 I I Id
l Brown 2 Grey 3 Tan 4 White 5 Red	6 Various 7 Black 8 Silver 9 Blue 0 Orange	1 Fibrous 2 Non Fibrous 3 Other	2 Heterogeneous	1 Teased 2 Crushed 3 Dissolved 4 Ashed	1 Chrysotile 2 Amosite 3 Arthophyilite 4 Tremolite 5 Actinolite 6 Crocidolite 0 None Detected	3 4 5 6	Celfulose Glass Min Wool Synthetic Other Wollastonite Hair	1 Quartz 2 Mica 3 Gypsum 4 Cal Carb 5 Matrix 6 Perlite 7 Other	onate	1 W 1 2 Ste gbt 2 Spec f P 1 1 1 1 1 1 1 1 2 2 2 2 2	E E
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ecology and environment, inc.

Analytical Services Center 4493 Walden Avenue Lancaster New York 14086 Tel 716/685 8080 Fax 716/685 0852 International Specialists in the Environment

CHAIN OF CUSTODY RECORD

Project No		Project	Name	^		-	<u></u>			Projec	t Manager		-		I			/	
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Distribution Original Accompanies Shipment Copy to Coordinator Field Files

^{*}See, CONCENTRATION RANGE on back of form

Soil Liquid 0 - 50ppb 0 - 50ppm 51 – 1000ppm > 1000ppm 51 - 1000ppb

> 1000ppb

RANGE

L (Low)

H (High)

M (Medium)

Westmont NJ Piscataway NJ Carle Place NY Manhattan NY Seattle WA Ann Arbor MI San Mateo CA Smyrna GA Greensboro NC Houston TX 609-858-4800 908 981-0550 516 997 7251 212 290-0052 203 233 9007 313-668-6810 415 570 5401 404 333-6066 910-297 1487 713-686 3635

Attn Barbara Storey

Ecology & Environment, Inc
11550 Newcastle Ave #250
Baton Rouge LA 70816

Thursday June 12 1997

Ref Number TX972310



POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project WESTBANK ASBESTOS PROJECT

			SAMPLE	<u>ASBESTOS</u>		NONASB	ESTOS	
SAMPLE	LOCATION	APPEARANCE	TREATMENT	% TYP	PE %	FIBROUS	%	NONFIBROUS
WBS489G01	(b) (6)	Tan Non Fibrous Homogeneous	Teased	< 1% Chrysotile			100%	Other
WBS477G01		Tan Non Fibrous Homogeneous	Teased	2% Chrysotile < 1% Crocidolite			98%	o Other
WBS477G02		Tan Non Fibrous Homogeneous	Teased	2% Chrysotile < 1% Crocidolite			98%	Other
WBS477G03	-	Tan Non Fibrous Homogeneous	Teased	2% Chrysotile < 1% Crocidolite			98%	Other
WBS670G01		Tan Non Fibrous Homogeneous	Teased	< 1% Chrysotile			100%	Other
WBS042G01		Tan Non Fibrous Homogeneous	Teased	< 1% Chrysotile			100%	Other

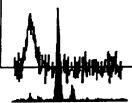
Comments For all obviously heterogeneous samples easily separated into subsamples and for layered samples each component is analyzed separately Also # of Layers refers to number of separable subsamples

* NY samples also analyzed by ELAP 198 1 Method

Carlos D Salinas

Analyst

Approved Signatory



Disclaimers PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor titles and wipps should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All NVLAP reports with NVLAP logo must contain at least one signature to be valid Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

Analysis performed by EMSL of Houston (NVLAP Air and Bulk #102106)

Ann Arbor MI San Mateo CA Smyrna GA Greensboro NC Houston TX Seattle WA Westmont NJ Piscataway NJ Carle Place NY Manhattan NY 313-668-6810 415 570 5401 404 333-6066 910 297 1487 713-686 3635 609 858-4800 908 981-0550 516 997 7251 212 290-0052 203 233 9007

> Attn Barbara Storey **Ecology & Environment, Inc.** 11550 Newcastle Ave #250 Baton Rouge LA 70816

Thursday June 12 1997

Ref Number TX972310



POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project WESTBANK ASBESTOS PROJECT

			SAMPLE	<u>ASBI</u>	ESTOS		<u>NONASB</u>	<u>ESTOS</u>	
SAMPLE	LOCATION	APPEARANCE	TREATMENT	%	TYPE	%	FIBROUS	%	NONFIBROUS
WBS042G02	(b) (6)	Tan Non Fibrous Homogeneous	Teased	2% Ch < 1% Cr	rysotile ocidolite			98%	6 Other

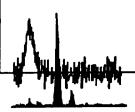
Comments For all obviously heterogeneous samples easily separated into subsamples and for layered samples each component is analyzed separately Also # of Layers refers to number of separable subsamples

NY samples also analyzed by ELAP 198 1 Method

Carlos D Salinas

Analyst

Approved Signatory



Disclaimers PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All NVLAP reports with NVLAP logo must contain at least one signature to be valid Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples Analysis performed by EMSL of Houston (NVLAP Air and Bulk #102106)

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	Baton Rou (504) 363	ge LA 7081 4732	16			_	Spe	cial Hand	- ling		Billing Numb
Project V	MESTRANK	(ASBESTOS I	PROJECT								TX972310
		pearance		Treatment	Asbestos Res	ults	Fıbr	ous	Non	Fibrous	#R 1 1 2 Med
1 Brown 2 Grey 3 Tan 4 White 5 Red	6 Various 7 Black 8 Silver 9 Blue 0 Orange	I Fibrous 2 Non Fibrous 3 Other	1 Homogeneous 2 Heterogeneous 3 Other 4 Layers (#)	1 Teased 2 Crushed 3 Dissolved 4 Ashed	1 Chrysotile 2 Amosite 3 Arthophylite 4 Tremolite 5 Actinolite 6 Crocidolite 0 None Detected	1 2 3 4 5 6	Cellulose Glass Min Wool Synthetic Other Wollastonii Hair	2 3 4 5 te 6 7	Quartz Mica Gypsum Cal Ca: Matrix Perlite Other	bonate	3 Hgh 1 W H 2 ght 3 Spec fy 1 N 1 P 1 2 N 2 F 3
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ecology and environment, inc. Analytical Services Center

Analytical Services Center 4493 Walden Avenue Lancaster New York 14086 Tel 716/685 8080 Fax 716/685 0852 International Specialists in the Environment

CHAIN OF CUSTODY RECORD

Project No 20601 R	AGI	Project N	Name	est-	Bark	Asbestos	Project Manager	Joff In	hight						
Samplers	(Signatu	uber	la!	A)	Horg		Field Team Lead	Barba	hight va Storay	/		/		REMARKS	
STATION NUMBER	DATE	TIME	COMP SPAB SPAB SPAB SPAB SPAB SPAB SPAB SPA	AIR	<i>U</i>	SAMPLE INFORMATION CTED COMPOUNDS (Concentra	ition)*	STATI	ON LOCATION	NUMBER OF CON TAINERS		\$		EPA for As	
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M3244		1300	X		•					1	X			4-008591	
WB5477		1305	1						1	1	X			6-008597 6-008594	7
WB547	1	1310	X							\perp_{j}	X			6-0085923°	
W85670		1410	×					(D) (b)		1	X			6-008594	
601	1	1415	X							1	X			6-008595	
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Distribution Original Accompanies Shipment Copy to Coordinator Field Files

^{*}See CONCENTRATION RANGE on back of form

CONCENTRATION INFORMATION EXPECTED CONCENTRATION RANGE RANGE Soil Liquid • • • • 0 — • 50ppb 0 - 50ppm L (Low) → 51 − 1000ppb > 1000ppb 51 – 1000ppm > 1000ppm M (Meðjum) H (High)

#16

1,

Westmont NJ Piscataway NJ Carle Place NY Manhattan NY Seattle WA Ann Arbor MI San Mateo CA Smyrna GA Greensboro NC Houston TX 609-858-4800 908 981-0550 516 997 7251 212 290-0052 203-233 9007 313-668-6810 415 570 5401 404 333-6066 910-297 1487 713-686 3635

Attn Barbara Storey

Ecology & Environment, Inc
11550 Newcastle Ave #250
Baton Rouge LA 70816

Thursday June 12 1997

Ref Number TX972326



POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project WESTBANK ASBESTOS

			SAMPLE	<u>ASBESTOS</u>		<u>NONASB</u>	ESTOS	
SAMPLE	LOCATION	APPEARANCE	TREATMENT	% TYPE	%	FIBROUS	%	NONFIBROUS
WBS422G01	(b) (6)	Tan	Teased	5% Chrysotile			95%	% Other
		Non Fibrous Homogeneous		< 1% Crocidolite				
WBS422G02		Tan Non Fibrous Homogeneous	Teased	5% Chrysotile < 1% Crocidolite			95%	6 Other
WBS1001G05		Tan Non Fibrous Homogeneous	Teased	< 1% Chrysotile			100%	6 Other
WBS1001G06		Tan Non Fibrous Homogeneous	Teased	2% Chrysotile < 1% Crocidolite			98%	6 Other
WBS1001G07		Tan Non Fibrous Homogeneous	Teased	< 1% Chrysotile			100%	6 Other
WBS1109G02		Tan Non Fibrous Homogeneous	Teased	< 1% Chrysotile			100%	6 Other

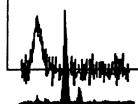
Comments For all obviously heterogeneous samples easily separated into subsamples and for layered samples each component is analyzed separately Also # of Layers refers to number of separable subsamples

* NY samples also analyzed by ELAP 198-1 Method

Carlos D Salinas

Analyst

Approved Signatory



Disclaimers PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government All. NVLAP reports with NVLAP logo must contain at least one signature to be valid Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples Analysis performed by EMSL of Houston (NVLAP Air and Bulk #102106)

Westmont NJ Piscataway NJ Carle Place NY Manhattan NY Seattle WA Ann Arbor MI San Mateo CA Smyrna GA Greensboro NC Houston TX 609-858-4800 908 981-0550 516-997 7251 212 290-0052 203 233 9007 313-668-6810 415 570-5401 404 333-6066 910-297 1487 713-686 3635

Attn Barbara Storey

Ecology & Environment, Inc
11550 Newcastle Ave #250
Baton Rouge LA 70816

Thursday June 12 1997

Ref Number TX972326



POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

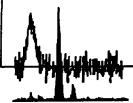
Project WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBE %	STOS TYPE	%	<u>NONASB</u> FIBROUS	ESTOS %	NONFIBROUS
WBS482G04	(b) (6)	Tan Non Fibrous Homogeneous	Teased	5% Chr < 1% Cro				959	% Other
WB\$866G01		Tan Non Fibrous Homogeneous	Teased	2% Chr < 1% Cro				98°	% Other
WBS866G02		Tan Non Fibrous Homogeneous	Teased	< 1% Chr	ysotile			1009	% Other
WBS1117G01	and the state of t	Tan Non Fibrous Homogeneous	Teased	Nor	ne Detected			1009	% Other
WBS1117G02		Tan Non Fibrous Homogeneous	Teased	2% Chr < 1% Cro				989	% Other

Comments For all obviously heterogeneous samples easily separated into subsamples and for layered samples each component is analyzed separately Also # of Layers refers to number of separable subsamples

* NY samples also analyzed by ELAP 198 1 Method

Carlos D Salınas Analyst Approved Signatory



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Client Ecology & Environment, Inc

Logged

6/11/97

TAT 24 Hour

Address

1

11550 Newcastle Ave #250

Baton Rouge LA 70816

Date/Time Due

6/11/97

9 00 AM

Fax (504) 363 - 4732

Special Handling

Billing Number

TX972326

Project WESTBANK ASBESTOS

		Appearance		Treatment	Asbestos Results	Fibro	us	Non F	ibrous]	Optio	
	1 Brown 6 Vanous 2 Grey 7 Black 3 Tan 8 Sulver 4 White 9 Blue 5 Red 0 Orange	1 Fibrous 2 Non Fibrous 3 Other	l Homogeneous 2 Heterogeneous 3 Other 4 Layers (#)	1 Teased 2 Crushed 3 Dissolved 4 Ashed	I Chrysotile 2 Amoste 3 Anthophyllite 4 Tremolite 5 Actinolite 6 Crocidolite 0 None Detected	1 Cellulose 2 Glass 3 Min Wool 4 Synthetic 5 Other 6 Wollastorute 7 Hair	2 3 4 5 6	Quartz Mica Gypsum Cal Car Matrix Perlite Other			Prope	rties
	Communication	Landin	T A	7		Fibro	ous	Non F		# Layers	P B 1 Yes I Low 2 N 2 Med 3 H gh	E 1 Pwil 1 2 Symmetri
	sample WSS 422	Location	Appearance	Treatment	% ASBESTOS	Туре	% 7	Туре	45	, , , , , , , , , , , , , , , , , , ,	5119-4	
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EMSL Analytical Inc 2501 Central Parkway Suite C 13 Houston TX 77092

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TAT 24 Hour 6/11/97 Client **Ecology & Environment, Inc** Logged 9 00 AM **Address** 11550 Newcastle Ave #250 Date/Time Due 6/11/97 Baton Rouge LA 70816 Special Handling Billing Number (504) 363 - 4732 Fax TX972326 **WESTBANK ASBESTOS Project Appearance** Treatment Asbestos Results Fibrous Non Fibrous Optical **Properties** I Quartz Chrysotile i Cellulose 1 Brown 6 Vanous 1 Fibrous 1 Homogeneous 1 Teased 2 Glass 2 Mica 2 Crushed 3 Dissolved 2 Grey 7 Black 2 Non Fibrous 2 Heterogeneous Amosite 3 Other 4 Layers (#) Anthophyllite 3 Mm Wool 3 Gypsum 3 Tan 4 White 8 Silver 3 Other 4 Ashed Tremobte 4 Synthetic 4 Cal Carbonate 9 Blue 5 Red 0 Orange Actmobite 5 Other 5 Matrix 6 Wollastonite 6 Perlite 6 Crocidolite 7 Harr 7 Other 0 None Detected Fibrous Non Fibrous Layers % ASBESTOS Sample Location **Treatment** Appearance Type Type 8 S B s E B S E ₿ S E В ₿ s E S

Analyst Date _____ Date _____ Date _____



ecology and environment, inc. Analytical Services Center

Analytical Services Center 4493 Walden Avenue Lancaster New York 14086 Tel 716/685 8080 Fax 716/685 0852 International Specialists in the Environment

CHAIN OF CUSTODY RECORD

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	NUMBER D	DATE	TIME	COMP			SAMPLE HIFORMAT				N LOCATION	NUMB OF CON TAINE	, ,	Did !			PA Tag H	t
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	L			\mathcal{U}											BL	/Airbill Number		Date 6/9/97
•	Relinquished				Date/		Received For Laboratory (Signature) dinator Field Files	By Reli	inqui hed By	(Signature)	Date/Time		ived For lature)	Laboratory By	′	225223	5845	8/08/97 RAR

^{*}Scs CONCENTRATION RANGE on back of form

CONCENTRATION INFORMATION

EXPECTED

CONCENTRATION RANGE RANGE

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Liquid Soil

L (Low) 0 - 50ppb 0 - 50ppm M (Medium) 51 - 1000ppb 51 - 1000ppm

> 1000ppb >1000ppm H (High)

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Westmont NJ Piscataway NJ Carle Place NY Manhattan NY Seattle WA Ann Arbor MI San Mateo CA Smyrna GA Greensboro NC Houston TX 609-858-4800 908 981-0550 516 997 7251 212 290-0052 203 233 9007 313-668-6810 415 570 5401 404 333-6066 910 297 1487 713-686 3635

Attn Barbara Storey

Ecology & Environment, Inc
11550 Newcastle Ave #250
Baton Rouge LA 70816

Thursday June 12 1997

Ref Number TX972332



POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project WESTBANK ASBESTOS / 020601RAG1

			SAMPLE	ASBES	STOS		NONASB	<u>ESTOS</u>	
SAMPLE	LOCATION	APPEARANCE	TREATMENT	%	TYPE	%	FIBROUS	%	NONFIBROUS
WBS481G01	(b) (6)	Brown/White Fibrous Homogeneous	Teased	50% Chry	rsotile			50%	6 Other
WBS481G02	-	Brown/White Fibrous Homogeneous	Teased	40% Chry < 1% Croc				60%	6 Other
WBS481G03	_	Brown/White Fibrous Homogeneous	Teased	5% Chry < 1% Croc				95%	6 Other
WBS481G04		Tan Non Fibrous Homogeneous	Teased	2% Chry < 1% Croc				98%	6 Other
WBS481G05	-	Tan Non Fibrous Homogeneous	Teased	4% Chry 1% Croc				95%	6 Other
WBS1084G01		Tan Non Fibrous Homogeneous	Teased	5% Chry < 1% Croc				95%	6 Other

Comments For all obviously heterogeneous samples easily separated into subsamples and for layered samples each component is analyzed separately Also # of Layers refers to number of separable subsamples

* NY samples also analyzed by ELAP 198 1 Method

Carlos D Salınas Analyst Approved Signatory



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Westmont NJ Piscataway NJ Carle Place NY Manhattan NY Seattle WA Ann Arbor MI San Mateo CA Smyrna GA Greensboro NC Houston IX 609 858-4800 908 981-0550 516 997 7251 212 290-0052 203 233 9007 313-668-6810 415 570-5401 404 333-6066 910 297 1487 713-686 3635

Attn Barbara Storey

Ecology & Environment, Inc
11550 Newcastle Ave #250
Baton Rouge LA 70816

Thursday June 12 1997

Ref Number TX972332



POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project WESTBANK ASBESTOS / 020601RAG1

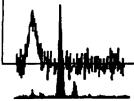
			SAMPLE	<u>ASBESTOS</u>		NONASE	<u>BESTOS</u>	
SAMPLE	LOCATION	APPEARANCE	TREATMENT	% TYPE	%	FIBROUS	%	NONFIBROUS
WBS1084G02	(b) (6)	Tan Non Fibrous Homogeneous	Teased	< 1% Chrysotile < 1% Crocidolite			100%	6 Other
WBS1102G01		Tan Non Fibrous Homogeneous	Teased	< 1% Chrysotile			100%	6 Other
WBS1102G02		Tan Non Fibrous Homogeneous	Teased	None Detected			100%	6 Other
WBS044G01		Tan Non Fibrous Homogeneous	Teased	< 1% Chrysotile			100%	6 Other
WBS053G01		Tan Non Fibrous Homogeneous	Teased	< 1% Chrysotile			100%	6 Other
WBS053G02		Tan Non Fibrous Homogeneous	Teased	< 1% Chrysotile < 1% Crocidolite			100%	6 Other

Comments For all obviously heterogeneous samples easily separated into subsamples and for layered samples each component is analyzed separately Also # of Layers refers to number of separable subsamples

NY samples also analyzed by ELAP 198 1 Method

Carlos D Salınas Analyst

Approved Signatory



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Westmont NJ Piscataway NJ Carle Place NY Manhattan NY Seattle WA Ann Arbor MI San Mateo CA Smyrna GA Greensboro NC Houston TX 609 858-4800 908 981-0550 516 997 7251 212 290-0052 203 233 9007 313-668-6810 415 570 5401 404 333-5066 910 297 1487 713-686 3635

Attn Barbara Storey

Ecology & Environment, Inc
11550 Newcastle Ave #250

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Thursday June 12 1997

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Performed by EPA 600/R-93/116 Method*

Project WESTBANK ASBESTOS / 020601RAG1

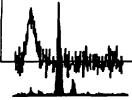
			SAMPLE	ASBE			NONASE		
SAMPLE	LOCATION	APPEARANCE	TREATMENT	%	TYPE	%	FIBROUS	%	NONFIBROUS
WBS052G01	(b) (6)	Tan Non Fibrous Homogeneous	Teased	< 1% Chr	ysotile			100%	6 Other
WBS052G02		Tan Non Fibrous Homogeneous	Teased	< 1% Chr	ysotile			100%	6 Other
WBS453G01		Tan Non Fibrous Homogeneous	Teased	2% Chr < 1% Cro				98%	6 Other
WBS453G02		Tan Non Fibrous Homogeneous	Teased	2% Chr	ysotile			98%	6 Other
WBS453G03		Tan Non Fibrous Homogeneous	Teased	< 1% Chr	ysotile			100%	6 Other

Comments For all obviously heterogeneous samples easily separated into subsamples and for layered samples each component is analyzed separately Also '# of Layers' refers to number of separable subsamples

* NY samples also analyzed by ELAP 198 1 Method

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Approved Signatory



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6/11/97 TAT 24 Hour **Ecology & Environment, Inc** Logged Client Address 11550 Newcastle Ave #250 Date/Time Due 6/12/97 9 00 AM Baton Rouge LA 70816 Special Handling **Billing Number** Fax (504) 363 - 4732 TX972332 WESTBANK ASBESTOS / 020601RAG1 Project Appearance Treatment Asbestos Results Fibrous Non Fibrous I Quartz 1 Teased 2 Crushed Chrysotile I Cellulose 1 Brown 6 Vanous Fibrous 1 Homogeneous 2 Glass 3 Min Wool 2 Mica 2 Grey 3 Tan 4 White 7 Black 2 Non Fibrous 3 Other 2 Heterogeneous 2 Amosite 3 Gypsum 4 Cal Carbonate 5 Matrix 3 Dissolved 4 Ashed 3 Other 3 Arthophyshte 8 Silver 4 Layers (#) 4 Tremohte 4 Synthetic 5 Red 0 Orange 5 Actmobite 5 Other 6 Wollastorute 6 Perlite 6 Crocidolite 1 g 2 P-O 0 None Detected 7 Hau 7 Other Non Fibrous Fibrous Layers Appearance Sample Location **Treatment** % ASBESTOS Type Type 15K6 12K WBS4B1 GOI C05 34 /50 G03 ls E G04 E IIR G05 WB51084 ΙIR **G01** ĮR GOD WBS 1102 G01

5

Date 16-12-9) Computer Analys Date

TAT Ecology & Environment, Inc 6/11/97 24 Hour Client Logged 11550 Newcastle Ave #250 6/12/97 9 00 AM Address Date/Time Due Baton Rouge LA 70816 Special Handling **Billing Number** Fax (504) 363 - 4732 TX972332 WESTBANK ASBESTOS / 020601RAG1 Project Appearance Treatment **Asbestos Results** Fibrous Non Fibrous 1 Brown 6 Various l Fibrous 1 Homogeneous 1 Teased l Chrysotile 1 Cellulose I Quartz 2 Crushed 3 Dissolved 4 Ashed 2 Amosite 2 Mica 3 Gypsum 2 Grey 7 Black 2 Non Fibrous 2 Heterogeneous 2 Glass 3 Arthophyllite 3 Min Wool 4 Synthetic 5 Other 3 Tan 8 Silver 3 Other 3 Other 4 Cal Carbonate 4 White 5 Red 9 Blue 4 Layers (#) 4 Tremolite 0 Orange 5 Actmobile 5 Matrix 6 Wollastonite 6 Crocidolite 6 Perbte 7 Other Hair 0 None Detected Non Fibrous Fibrous Layers Appearance % ASBESTOS Sample Location Treatment Type Type В ĮΙR WBS 1102 S G05 E В ubs 044 S GOI 2 WB5053 IIR 100 G05 В WBS053 ௱ GDI E В IIR (202 s WB5453 ĮR 2 15 69 605 S Z

Computer

Date

11

Analyst (

Date

Ecology & Environment, Inc

Client

Logged 6/11/97

TAT

24 Hour

Address		wcastle Ave uge LA 7081		U	ate/Time Due	6/1	2/97	9 00] [
Fax	(504) 363	- 4732					Spe	ecial Hai	ndling			Billing No TX972	
Project	WESTBAN	K ASBESTOS /	020601RAG1]		
		ppearance		Treatment	Asbestos Result		Fibr	ous		brous]	I DR	1 Low 2 Med 3 High
1 Brown 2 Grey 3 Tan 4 White 5 Red	6 Various 7 Black 8 Silver 9 Blue 0 Orange	1 Fibrous 2 Non Fibrous 3 Other	1 Homogeneous 2 Heterogeneous 3 Other 4 Layers (#)	1 Teased 2 Crushed 3 Dissolved 4 Ashed	1 Chrysotile 2 Amosite 3 Arthophylute 4 Tremolite 5 Actinolite 6 Crocidolite 0 None Detected		1 Cellulose 2 Glass 3 Min Wool 4 Synthetic 5 Other 6 Wollastoru 7 Hair		1 Quartz 2 Mica 3 Gypsun 4 Cal Cai 5 Matrix 6 Perlite 7 Other	n rbonate		M I Wery 2 Strught 3 Spec fy P I Y Z N	1 2 E
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ecology and environment, inc. Analytical Services Center

Analytical Services Center 4493 Walden Avenue Lancaster New York 14086 Tel 716/685 8080 Fax 716/685 0852 International Specialists in the Environment

CHAIN OF CUSTODY RECORD

																,	
Project No	IRAG	Project	Name	:SHE	ank Ash	letos		Project Manager	eff W	right							
					1 .	'()		Field Team Lead	ler	0							
Samplers	ovar	rall	lloo	u _/	Barken	astery		R	wbava	A.Storey						REMARK	s
STATION NUMBER	DATE	TIME	I T	MPLE YPE		SAMPLE INFORMA	TION			ON LOCATION	NUMBER OF	7		//			
				GRAB	EXPE	CTED COMPOUNDS (C	oncentration)	*			CON TAINERS	93			6-008597	28 #S	
W05481 GOI	410/9	70915				Ashlestos (Low)		(b) (6)			X			6-008597	<u> </u>	
W85481	6/10/97	10920	$ \chi $		<u> </u>							X			6-008598		
W35481 G03 W85481 G04	6/10/9	70925	18				····				1 (X			6-008599		
604 604	410/9	7 0930	X								1	X			6-008600		
405	419	7 0935	1			<i>y</i>			(b) (6)		(X			6-008601		
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						(Signature)		7.5377447 7750 0	,	20.07	(Signatu				225223	5311	6-10-97

Distribution Original Accompanies Shipment Copy to Coordinator Field Files

^{*}See CONCENTRATION RANGE on back of form

-1 1/ K/11/ -4 RANGE Liquid π, 1, 1, 1, 1, 0, 0, 1, 2, 50ppb L (Low) M (Medrům) 51 - 1000ppb 8605 H (High) 7,201 30 108117 ad the board 131-12 LI-11

Soil 0 - 50ppm 51 - 1000ppm >1000ppm

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ecology and environment, inc.

Analytical Services Center 4493 Walden Avenue Lancaster New York 14086 Tel 716/685 8080 Fax 716/685 0852 International Specialists in the Environment

CHAIN OF CUSTODY RECORD

Project No 2000 RAC Samplers	7	Project (res)	stt	a		' /) /	Ω	Project Manager	Wright							
Samplers	evev.	nall	1100	eu	/	parke	mastory _		ra A.	Hore 1				//	//,	REMARKS
STATION NUMBER	DATE	TIME	1	MP		-	SAMPLE INFORMATION			N LOCATION	NUMBER OF		ار ا	0/	///	
1			CO	GRAB	AIR	EXP	ECTED COMPOUNDS (Concentra	tion)*	(b) (C)		CON			//		6-008609
602	6-097	1145	×			ASBS	5705		(D) (O)		1	X				6-008609
485453 GO1		1350	X			ASBE	5705				1	X				6-008610
602		1400	×								1	×				6-008611
UBS453 GO3		1405	X				k		-	<i>l</i>		X				6-008612
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Relinquish	ed By (Signature	2)		Date/	Time	Received For Laboratory By (Signature)	Relingui hed B	y (Signature)	Date/Time	Received (Signatu	d For l	Labora	tory By		2252235311 6-10-97

Distribution Original Accompanies Shipment Copy to Coordinator Field Files

*See CONCENTRATION RANGE on back of form

-CONCENTRATION INFORMATION-

RANGE

EXPECTED CONCENTRATION RANGE

Liquid

Soil

0 - 50ppb L (Low)

0 - 50 ppm51 - 1000 ppm

M (Medium)

51 – 1000ppb

H (High)

> 1000ppb

>1000ppm

Westmont N.I. Piscataway N.J. Carle Place NY. Mannattan NY. Seattle WA. Ann Abor MI. Son Mateo, CA. Smyrna, GA. Greensboro, NC. Houston, TX

609 858-4800 908 981-0550 516 997 7251 212 290-0052 203 233 9007 313-668-6810 415 570 5401 404 333-6066 910 297 1487 713-686 3

Attn Barbara Storey
Ecology & Environment, Inc
11550 Newcastle Ave #250
Baton Rouge LA 70816

Monday June 16 1997

Ref Number TX972360



POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project WESTBANK ASBESTOS / 020601 BAG 1

			SAMPLE	ASBES	TOS		NONASE	ESTOS	
SAMPLE	LOCATION	APPEARANCE	TREATMENT	%	TYPE	%	FIBROUS	%	NONFIBROUS
WBS1070G01	(b) (6)	Brown Non Fibrous Homogeneous	Teased	< 1% Chry < 1% Croc				100%	6 Other
WBS1141G01	_	Brown Non Fibrous Homogeneous	Teased	< 1% Chry	sotile			100%	% Other
WBS1141G02		Brown Fibrous Homogeneous	Teased	2% Chry. < 1% Croc				98%	% Other
WBS055G01		Brown Non Fibrous Homogeneous	Teased	None	Detected			100%	6 Other
WBS055G02		Brown Non Fibrous Homogeneous	Teased	None	Detected			100%	6 Other
WBS1100G01		Brown Non Fibrous Homogeneous	Teased	< 1% Chrys	sotile			100%	6 Other

Comments For all obviously heterogeneous samples easily separated into subsamples and for layered samples each component is analyzed separately Also # of Layers refers to number of separable subsamples

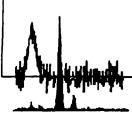
* NY samples also analyzed by ELAP 198 1 Method

Arthur Hernandez Jr

Analyst

Approved Signatory

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Westmont NJ Piscataway NJ Carle Place NY Manhattan NY Seattle WA Ann Arbor MI San Mareo CA Sinyma SA Groenobore NC Houston, TX

609 858-4800 908 981-0550 516 997 7251 212 290-0052 203 233 9007 313-668-6810 415 570 5401 404 333-6066 910 297 1487 713-686 3635

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Baton Rouge LA 70816

Monday June 16 1997

Ref Number TX972360



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Performed by EPA 600/R-93/116 Method*

Project WESTBANK ASBESTOS / 020601 BAG 1

			SAMPLE	<u>ASBI</u>	ESTOS		NONASE	ESTOS	
SAMPLE	LOCATION	APPEARANCE	TREATMENT	%	TYPE	%	FIBROUS	%	NONFIBROUS
WBS1100G02	(b) (6)	Brown Non Fibrous Homogeneous	Teased	< 1% Ch	-			100%	6 Other
WBS480G01		Brown Non Fibrous Homogeneous	Teased	No	ne Detected			100%	6 Other
WBS480G02		Brown Non Fibrous Homogeneous	Teased	No	ne Detected			100%	6 Other
WBS056G01		Brown Non Fibrous Homogeneous	Teased	No	ne Detected			100%	ó Other
WBS486G01		Brown Non Fibrous Homogeneous	Teased	< 1% Ch < 1% Cro	-			100%	6 Other
WBS486G02		Brown Fibrous Homogeneous	Teased	3% Ch < 1% Cro	rysotile ocidolite			97%	o Other

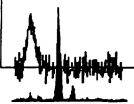
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Seattle WA Piscataway NJ Carle Place NY Manhattan NY Westmont NJ

516-997 7251 212 290-0052 203 233 9007 313-668-6810 415 570 5401 404 333-6066 910 297 1487 713-686 3635 609-858-4800

> Attn Barbara Storey **Ecology & Environment, Inc** 11550 Newcastle Ave #250 Baton Rouge LA 70816

Monday June 16 1997

Ref Number TX972360



POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project WESTBANK ASBESTOS / 020601 BAG 1

			SAMPLE	ASBES	ros		NONASB	<u>ESTOS</u>	
SAMPLE	LOCATION	APPEARANCE	TREATMENT	%	TYPE	%	FIBROUS	%	NONFIBROUS
WBS486G03	(b) (6)	Brown Non Fibrous Homogeneous	Teased	< 1% Chrys	otile			100%	6 Other
WBS486G04		Brown/White Fibrous Homogeneous	Teased	5% Chrys < 1% Crock				95%	6 Other
WBS486G05		Brown Non Fibrous Homogeneous	Teased	< 1% Chrys	otile			100%	6 Other
WBS056G02		Brown Non Fibrous Homogeneous	Teased	< 1% Chrys < 1% Crock				100%	o Other
WBS056G03		Brown Fibrous Homogeneous	Teased	2% Chrys	otile			98%	Other

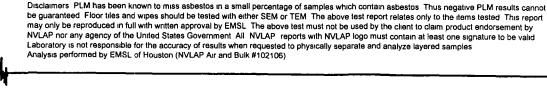
Comments For all obviously heterogeneous samples easily separated into subsamples and for layered samples each component is analyzed separately Also # of Layers refers to number of separable subsamples

NY samples also analyzed by ELAP 198 1 Method

Arthur Hernandez Jr

Analyst

Approved



Signatory

Ecology & Environment, Inc Client

Logged 6/12/97

TAT 24 Hour

Address

11550 Newcastle Ave #250

6/13/97 Date/Time Due

2 43 PM

Baton Rouge LA 70816

Fax (504) 363 4732

Billing Number Special Handling

TX972360

Project WESTBANK ASBESTOS / 020601 BAG 1

<u>}</u>	Appearance	1 Homogeneous	Treatment	Asbestos Results 1 Chrysotile	Fibrous	Non Fibrous	Optical Properties
1 Brown 6 Various 2 Grey 7 Black 3 Tan 8 Silver 4 White 9 Blue 5 Red 0 Orange	2 Non Fibrous 3 Other	2 Heterogeneous 3 Other 4 Layers (#)	2 Crushed 3 Dissolved 4 Ashed	2 Amosite 3 Anthophyllite 4 Tremolite 5 Actinolite 6 Crocidolite 0 None Detected	2 Glass 3 Min Wool 4 Synthetic 5 Other 6 Wollastonite 7 Hair	2 Mica 3 Gypsum 4 Cal Carbonate 5 Matrix 6 Perlite 7 Other	M 5 1 2 C gh 2 3 Spec fy
,					Fibrous	Non Fibrous #	P B F 1 Par Ref 1 2 N 2 1 d 2 Symmetric 1 3 High 3 Molique
Sample	Location	Appearance	Treatment	% ASBESTOS	Type %	Type % Layers	
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601		3		6 Crocidoli	the cido		2 /B /E
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,	' ' 			Computer		Date	

EMSL Analytical Inc 2501 Central Park vay Suite C 13 Houston TX 77092

C/42/07

TAT 24 Hour



PLM Analysis Worksheet

Client Ecology & Environment, Inc

Logged 6/12/97

TAT 24 Hour

Address 1

cology a christianiani, me

11550 Newcastle Ave #250 Date/Time Due 6/13/97

Baton Rouge LA 70816

Fax (504) 363 - 4732

Special Handling

2 43 PM

Billing Number

TX972360

Project WESTBANK ASBESTOS / 020601 BAG 1

· · · · · · · · · · · · · · · · · · ·	Appearance		Treatment	Asbestos Results	Fibrous	Non Fibrous	Optical
Brown 6 Various Grey 7 Black Tan 8 Silver White 9 Blue Red 0 Orange	l Fibrous 2 Non Fibrous 3 Other	1 Homogeneous 2 Heterogeneous 3 Other 4 Layers (#)	3 Dissolved 4 Ashed	1 Chrysotile 2 Amosite 3 Anthophyllite 4 Tremolite 5 Actinolite 6 Crocidolite 0 None Detected	I Cellulose 2 Glass 3 Min Wool 4 Synthetic 5 Other 6 Wollastonite 7 Hair	I Quartz 2 Mica 3 Gypsum 4 Cal Carbonate 5 Materix 6 Perlite 7 Other	Properties
Sample	Location	Appearance	Treatment	% ASBESTOS	Fibrous Type %	Non Fibrous Fay	ers 2 2 fed 2.5 mme
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G03			\	(Cpulati)	le la	7106	1349/30 1 M IS
G04		1,1		Chayadile	50 b	795%	126/22
605		<u> </u>	\	1 Churaphy	<106	7 10090	M S
9505G		_2	\ \	Chrysotike. Cracidolik	~ 101.	7 100%	134/5

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EMSL Analytical Inc 2501 Central Parkway Suite C 13 Houston TX 77092



ecology and environment, inc.

Analytical Services Center

4493 Walden Avenue Lancaster New York 14086 Tel 716/685 8080 Fax 716/685 0852

International Specialists in the Environment

CHAIN OF CUSTODY RECORD

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^{*}See CONCENTRATION RANGE on back of form



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Analytical Services Center
4493 Walden Avenue Lancaster New York 14086 Tel 716/685 8080 Fax 716/685 0852
International Specialists in the Environment

CHAIN OF CUSTODY RECORD

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^{*}See CONCENTRATION RANGE on back of form

Westmont NJ Piscataway NJ Carle Place NY Manhattan NY Seattle WA Ann Arbor MI San Mateo CA Smyrna GA Greensboro NC Houston TX 609 £58-4800 908 981 0550 516 997 7251 212 290-0052 203 233 9007 313-668-6810 415 570 5401 404 333-6066 910 297 1487 713-686 3635

Attn Barbara Storey

Ecology & Environment, Inc
11550 Newcastle Ave #250
Baton Rouge LA 70816

Wednesday June 18 1997

Ref Number TX972402

REC'D JUN 2 0 1997

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project WESTBANK ASBESTOS / 020601RAG1

			SAMPLE	ASBE	STOS		NONASE	ESTOS	
SAMPLE	LOCATION	APPEARANCE	TREATMENT	%	TYPE	%	FIBROUS	%	NONFIBROUS
WBS237G01	(b) (6)	Tan Non Fibrous Homogeneous	Teased	< 1% Chr	ysotile			100%	Other
WBS237G02		Tan Non Fibrous Homogeneous	Teased	< 1% Chr	ysotile			100%	Other
WBS237G03		Tan Non Fibrous Homogeneous	Teased	< 1% Chr	ysotile			100%	Other
WBS243G01		Tan Non Fibrous Homogeneous	Teased	2% Chr < 1% Cro				98%	Other
WBS243G02		Tan Non Fibrous Homogeneous	Teased	Non	e Detected			 100%	Other
WBS243G03		Tan Non Fibrous Homogeneous	Teased	< 1% Chry	ysotile			100%	Other

Comments For all obviously heterogeneous samples easily separated into subsamples and for layered samples each component is analyzed separately Also # of Layers refers to number of separable subsamples

NY samples also analyzed by ELAP 198 1 Method

Carlos D¹ Salınas

Analyst

Approved Signatory



Disclaimers PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government All. NVLAP reports with NVLAP logo must contain at least one signature to be valid Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples. Analysis performed by EMSL of Houston (NVLAP Air and Bulk #102106)

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Westmont NJ Piscataway NJ Carle Place NY Manhattan NY Seattle WA Ann Arbor MI San Mateo CA Smyrna GA Greensboro NC Houston TX 609 858-4800 908 981-0550 516 997 7251 212 290-0052 203 233 9007 313-668-6810 415 570 5401 404 333-6066 910 297 1487 713-686 3635

Attn Barbara Storey

Ecology & Environment, Inc
11550 Newcastle Ave #250
Baton Rouge LA 70816

Wednesday June 18 1997

Ref Number TX972402

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project WESTBANK ASBESTOS / 020601RAG1

			SAMPLE	ASBESTOS	ì	NONASBI	<u>ESTOS</u>	
SAMPLE	LOCATION	APPEARANCE	TREATMENT	% TY	PE %	FIBROUS	%	NONFIBROUS
WBS538G01	(b) (6)	Tan Non Fibrous Homogeneous	Teased	2% Chrysotile			98%	Other
WBS538G03		Tan Non Fibrous Homogeneous	Teased	< 1% Chrysotile	3		100%	Other
WBS538G04		Tan Non Fibrous Homogeneous	Teased	5% Chrysotile < 1% Crocidolit			95%	Other
WBS536G01		Tan Non Fibrous Homogeneous	Teased	< 1% Chrysotile	9		100%	Other
WBS257G01		Tan Non Fibrous Homogeneous	Teased	None Det	ected		100%	Other
WBS257G0 2.		Tan Non Fibrous Homogeneous	Teased	2% Chrysotile < 1% Crocidolite			98%	Other

Comments For all obviously heterogeneous samples easily separated into subsamples and for layered samples each component is analyzed separately Also '# of Layers' refers to number of separable subsamples

* NY samples also analyzed by ELAP 198 1 Method

Carlos D Salinas Analyst

Approved Signatory

A At A takender

Disclaimers PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor titles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All NVLAP reports with NVLAP logo must contain at least one signature to be valid Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples. Analysis performed by EMSL of Houston (NVLAP Air and Bulk #102106)

		rcastle Ave a ge LA 7081		·	Date/Time Due	6/17/97		00 AM ———— I Handling	~	Bill	ling Numbei
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l Brown	Ap 6 Various	pearance	1 Homogeneous	Treatment	Asbestos Result Chrysotile		Fibrous	No.	r Fibrous	}	Optical Properties
2 Grey 3 Tan 4 White 5 Red	7 Black 8 Silver 9 Blue 0 Orange	2 Non Fibrous 3 Other	2 Heterogeneous 3 Other 4 Layers (#)	2 Crushed 3 Dissolved 4 Ashed	2 Amosite 3 Anthophyllite 4 Tremolite 5 Actinolite 6 Crocidolite 0 None Detected	4 Syn 5 Oth	n Wool othetic ier Ilastonite	2 Mica 3 Gyps 4 Cal 5 Matr 6 Perb 7 Othe	um Carbonate x e		gh 2
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EMSL Analytical Inc 2501 Central Parkway Suite C 13 Houston TX 77092

Fax (50	04) 363	4732					Special Ha	ndling	Billing Numbe
									TX972402
Project Wi		ASBESTOS bearance		Treatment	Asbestos Res	ults	Fibrous	 _ Non Fibrou	s Optical
Grey 7 Tan 8 White 9	Various Black Silver Blue Orange	1 Fibrous 2 Non Fibrous 3 Other	1 Homogeneous 2 Heterogeneous 3 Other 4 Layers (#)	1 Teased 2 Crushed 3 Dissolved 4 Ashed	1 Chrysotile 2 Amosite 3 Anthophyllite 4 Tremolite 5 Actinolite 6 Crocidolite 0 None Detected	1 Cell 2 Gla 3 Mir 4 Syn 5 Oth	lulose ss 1 Wool othetic er Ilastomite	1 Quartz 2 Mica 3 Gypsum 4 Cal Carbonate 5 Matrix 6 Perlite 7 Other	Properties
Sample		Location	Appearance	Treatment	% ASBEST	os T	Fibrous ype %	Non Fibrous	1
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ecology and environment, inc.

Analytical Services Center 4493 Walden Avenue Lancaster New York 14086 Tel 716/685 8080 Fax 716/685 0852 International Specialists in the Environment

CHAIN OF CUSTODY RECORD

Project No Pro	ect Name				Project Manager							
020601RA61 1	UEST	BAN	LASBE	STOS	JEFF	WRIGHT					//////	
Samplers (Signatures)					Field Team Lead	ler						
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WB5243 11 -h						Thu	5)					
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WBS 243 6/13/27/10	30 X						•	1	X		6-008653	
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*See GONCENTRATION RANGE on back of form

CONCENTRATION INFORMATION—

EXPECTED CONCENTRATION RANGE

Liquid

Soil

0 - 50ppb 0 - 50ppm L (Low) 51 - 1000ppb M (Medium) 51 - 1000ppm H (High) > 1000ppb

RANGE

>1000ppm



ecology and environment, inc.

Analytical Services Center 4493 Walden Avenue Lancaster New York 14086 Tel 716/685 8080 Fax 716/685 0852 International Specialists in the Environment

CHAIN OF CUSTODY RECORD

Page 2 of 2

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Distribution Original Accompanies Shipment Copy to Coordinator Field Files

WB-00212

^{*}See CONCENTRATION RANGE on back of form

RANGE

Liquid Soil

L (Low) 0 - 50ppb 0 - 50ppm

51 - 1000ppm > 1000ppm M (Medium) 51 – 1000ppb > 1000ppb H (High)

Westmont, NJ Piscataway NJ Carle Place NY Manhattan NY Seattle WA Ann Arbor MI San Mateo CA Smyrna GA Greensboro NC Houston TX 609-858-4800 908 981-0550 516 997 7251 212 290-0052 203 233 9007 313-668-6810 415 570 5401 404 333-6066 910 297 1487 713-686 3635

Attn Barbara Storey

Ecology & Environment, Inc
11550 Newcastle Ave #250
Baton Rouge LA 70816

Wednesday June 18 1997

Ref Number TX972407



POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project WESTBANK ASBESTOS / 020601RAG1

			SAMPLE	ASBE	<u>ESTOS</u>		NONASB	<u>ESTOS</u>	
SAMPLE	LOCATION	APPEARANCE	TREATMENT	%	TYPE	%	FIBROUS	%	NONFIBROUS
WBS051G01	(b) (6)	Tan	Teased	2% Ch	rysotile			98%	6 Other
		Non Fibrous		< 1% Cro	ocidolite				
		Homogeneous							
WBS051G02	-	Tan	Teased	< 1% Ch	rysotile			100%	Other
***		Non Fibrous	Teaseu	17,001,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
		Homogeneous							
WBS051G03	_ _	Tan	Teased	2% Ch	rysotile			98%	6 Other
		Non Fibrous	leased	< 1% Cr	•				Cuici
		Homogeneous		1,000	30.45				
L	_								
WBS051G04	_	Tan	Teased	2% Ch	rysotile			98%	Other
		Non Fibrous		< 1% Cro	ocidolite	3			
		Homogeneous							
WBS051G05		Tan	Teased	10% Ch	rvsotile			90%	Other
		Fibrous		< 1% Cro	-				
		Homogeneous		•					
WBS530G01		Tan	Teased	12% Ch	rvsotile			88%	Other
		Fibrous	. 00000	< 1% Cro	-			337	- 0,1101
		Homogeneous		1					ļ

Comments For all obviously heterogeneous samples easily separated into subsamples and for layered samples each component is analyzed separately Also # of Layers refers to number of separable subsamples

* NY samples also analyzed by ELAP 198 1 Method

Carlos D Salinas

Analyst

Approved Signatory



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Westmont NJ Piscataway NJ Carle Place NY Manhattan NY Seattle WA Ann Arbor MI San Mateo CA Smyrna GA Greensboro NC Houston TX 609 858-4800 908 981-0550 516 997 7251 212 290-0052 203 233 9007 313-668-6810 415 570 5401 404 333-6066 910 297 1487 713-686 3635

Attn Barbara Storey

Ecology & Environment, Inc
11550 Newcastle Ave #250
Baton Rouge LA 70816

Wednesday June 18 1997

Ref Number TX972407

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project WESTBANK ASBESTOS / 020601RAG1

			SAMPLE	ASBESTOS		NONASBE	STOS	
SAMPLE	LOCATION	APPEARANCE	TREATMENT	% TYPE	%	FIBROUS	%	NONFIBROUS
WBS530G02	(b) (6)	Tan	Teased	< 1% Chrysotile			100%	Other
		Non Fibrous		< 1% Crocidolite				
		Homogeneous						
WBS542G01		Tan	Teased	2% Chrysotile			98%	Other
		Non Fibrous		< 1% Crocidolite				
		Homogeneous						
WBS256G01		Tan	Teased	2% Chrysotile			98%	Other
		Non Fibrous		< 1% Crocidolite				
		Homogeneous						
WBS256G02		Tan	Teased	5% Chrysotile			95%	Other
		Non Fibrous		< 1% Crocidolite				
		Homogeneous						
WBS256G03		Tan	Teased	5% Chrysotile			95%	Other
,		Non Fibrous		< 1% Crocidolite				
		Homogeneous						
WBS539G01		Tan	Teased	4% Chrysotile			96%	Other
		Non Fibrous		< 1% Crocidolite				
		Homogeneous						

Comments For all obviously heterogeneous samples easily separated into subsamples and for layered samples each component is analyzed separately Also # of Layers refers to number of separable subsamples

* NY samples also analyzed by ELAP 198 1 Method

Carlos D Salınas Analyst Approved Signatory



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Smyrna GA Greensboro NC Houston TX San Mateo CA Ann Arbor MI Westmont NJ Piscataway NJ Carle Place NY Manhattan NY Seattle WA 609 858-4800 908 981-0550 516 997 7251 212 290-0052 203 233 9007 313-668-6810 415 570-5401 404 333-6066 910 297 1487 713-686 3635

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Project WESTBANK ASBESTOS / 020601RAG1

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBE %	ESTOS TYPE	%	<u>NONASB</u> FIBROUS	ESTOS %	NONFIBROUS
WBS1138G01	b) (6)	Tan Non Fibrous Homogeneous	Teased	< 1% Ch	rysotile			100%	6 Other
WBS1138G02		Tan Non Fibrous Homogeneous	Teased	2% Chr < 1% Cro	-			98%	6 Other
WBS1138G03		Tan Non Fibrous Homogeneous	Teased	2% Chr < 1% Cro	-			98%	6 Other

Comments For all obviously heterogeneous samples easily separated into subsamples and for layered samples each component is analyzed separately Also # of Layers refers to number of separable subsamples

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Carlos D Salinas

Analyst

Approved Signatory



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Address 11550 Newcastle Ave #250 Baton Rouge LA 70816 Fax (504) 363 4732 Project WESTBANK ASSETOS (20601RAG1 Brown Indicate Indicate Indicate In		Client	Ecology 8	Environmen	it, Inc		Logged	6/16	/97			TAT	24 Hou	ır		
Fax (504) 363 4732 Project WESTBANK ASBESTOS / 200601RAG1 Appearance	F					τ	Date/Time Due	6/17/	/97 	1 03 F	PM	~	י ר			-
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1		Fax	(504) 363	4732									 	TX972	407	
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Description Name			- Ag					1	-	ous	1	ibrous	1			;
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ecology and environment, inc.

Analytical Services Center 4493 Walden Avenue Lancaster New York 14086 Tel 716/685 8080 Fax 716/685 0852 International Specialists in the Environment

CHAIN OF CUSTODY RECORD

Project No Project	t Name	.=		· · · · · · · · · · · · · · · · · · ·	Project Manager				-				
020601RAG		e flo	ank Asl	rotoc	Jeff Wright Field Team Leader Boubara Storey								
Samplers (Signatures)					Field Team Lead	der	- y ~						
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WEGOSI 6/12/97 0934	5 X								\X	:			6-008640
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WES356 6/12/97/154	5 X								×				6-008647
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* *See CONCENTRATION RANGE on back of form

RANGE

Liquid

Soil

0 - 50ppm L (Low) 0 - 50ppb M (Medium) 51 - 1000ppb

51 - 1000 ppm

H (High) > 1000ppb >1000ppm



ecology and environment, inc. Analytical Services Center

Analytical Services Center 4493 Walden Avenue Lancaster New York 14086 Tel 716/685 8080 Fax 716/685 0852 International Specialists in the Environment

CHAIN OF CUSTODY RECORD

Project No		Project	Name						Project Manager								777			
				AN	1/2	ASBEST	TOS		Project Manager JEFF WEIGHT									////		
Samplers	(Signatu	res					Field Team Leader						1			//	////			
	Hora						BARBARA STOREY					,	//			REMARKS		RKS		
STATION NUMBER	DATE	SAMPLE TYPE SAMPLE INFORMATION				ORMATION	STATION LOCATION NUMBER OF CON													
		<u> </u>		GRAB	AIR	EXP	ECTED COMPOUN	IDS (Concentration	centration)* TAINERS		/8	<u>//</u>				6-00845				
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0571194 WB-00222

^{*}See CONCENTRATION RANGE on back of form

-CONCENTRATION INFORMATION

EXPECTED

CONCENTRATION RANGE RANGE Soil ွ Liquid 0 - 50ppm L (Low) 0 - 50ppb M (Medium) 51 - 1000ppb 51 – 1000ppm H (High) > 1000ppb >1000ppm

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WBS535G01	_	Brown Non Fibrous Homogeneous	Teased	< 1% Chr	ysotile			100%	Other
WBS535G02	-	Brown Non Fibrous Homogeneous	Teased	< 1% Chr	ysotile			100%	Other
WBS541G01		Brown Non Fibrous Homogeneous	Teased	< 1% Chr	ysotile			100%	Other
WBS541G02	-	Brown Non Fibrous Homogeneous	Teased	< 1% Chr	ysotile			100%	Other
WBS541G03		Brown Non Fibrous Homogeneous	Teased	< 1% Chr	ysotile			100%	Other

Comments For all obviously heterogeneous samples easily separated into subsamples and for layered samples each component is analyzed separately Also # of Layers refers to number of separable subsamples

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Arthur Hernandez Jr

Analyst

Approved Signatory



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Ref Number TX972437



POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project WESTBANK ASBESTOS / 020601RAG1

			SAMPLE	ASBE	STOS		NONASB	<u>ESTOS</u>	
SAMPLE	LOCATION	APPEARANCE	TREATMENT	%	TYPE	%	FIBROUS	%	NONFIBROUS
WBS541G04	(b) (6)	Brown/White Fibrous Homogeneous	Teased	20% Ch	rysotile			80%	o Other
WBS245G01		Brown Fibrous Homogeneous	Teased	2% Ch	rysotile			98%	Other
WBS245G02		Brown Non Fibrous Homogeneous	Teased	< 1% Ch	rysotile			100%	Other
WBS245G03		Brown Non Fibrous Homogeneous	Teased	< 1% Chi	rysotile			100%	Other
WBS537G01		Brown Fibrous Homogeneous	Teased	10% Chr	ysotile			90%	Other
WBS537G02	,	Brown Non Fibrous Homogeneous	Teased	5% Chr	ysotile			95%	Other

Comments For all obviously heterogeneous samples easily separated into subsamples and for layered samples each component is analyzed separately Also # of Layers refers to number of separable subsamples

* NY samples also analyzed by ELAP 198 1 Method

Arthur H**e**rnandez Jr

Analyst

Approved Signatory



Disclaimers PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government All. NVLAP reports with NVLAP logo must contain at least one signature to be valid Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

Analysis performed by EMSL of Houston (NVLAP Air and Bulk #102106)



ecology and environment, inc.

Analytical Services Center 4493 Walden Avenue Lancaster New Yo k 14086 Tel 716/685 8080 Fax 716/685 0852 International Specialists in the Environment

CHAIN OF CUSTODY RECORD

Project No Project Name		Tn	Manager		T	
	sthank Ashestos	Projec	Jeff //) VI	1+		///
Ambur Oferry 1 2	Denovar Alleson	Field	Jeff Wrig Team Leader Rabara	- Story		
STATION DATE TIME ON BY	<u> </u>	FORMATION JNDS (Concentration)*	STATION LO	NUMBER		
GOZ - 1149 1008 X	Asbesto	s(LOW)	(b) (6)	/	X	6-
WES 6/13/97/105 X WES 6/13/97/105 X				/	X	6-6
54, PEON 6/16 1140 X			(b) (6)		X '	6-
541503 6/14(M) X 541503 6/14(M) X			<u> </u>		X	6-
245G&1 1200 X			(b) (6)		$\frac{ X }{ X }$	6-
2456 d2 1265 X					X	6-
245C03 V 121Φ X 245C03 V 121Φ X 537CΦ1 164Φ X			(b) (6)		X	6-
532662 V 1645 X		V			X	6
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			. -		-	BL/Airbill
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Distribution Original Accompanies Shipment Copy to Coordinator Field Files See CONCENTRATION RANGE on back of form

WB-00213



6/17/97 TAT Client **Ecology & Environment, Inc** 24 Hour Logged **Address** 11550 Newcastle Ave #250 Date/Time Due 6/18/97 9 00 AM Baton Rouge LA 70816 **Special Handling Billing Number** Fax (504) 363 - 4732 TX972437 WESTBANK ASBESTOS / 020601RAG1 Project Treatment Asbestos Results Non Fibrous

	Appearance		Treatment	Asbestos Results	Fibro	us	Non F	ibrous	j	Opti	
1 Brown 6 Vanous 2 Grey 7 Black 3 Tan 8 Silver 4 White 9 Blue 5 Red 0 Orange	1 Fibrous 2 Non Fibrous 3 Other	1 Homogeneous 2 Heterogeneous 3 Other 4 Layers (#)	1 Teased 2 Crushed 3 Dissolved 4 Ashed	1 Chrysotile 2 Amoste 3 Anthophylite 4 Tremolte 5 Actunolite 6 Crocadolite 0 None Detected	1 Cellulose 2 Glass 3 Min Wool 4 Synthetic 5 Other 6 Wollastorus 7 Hair	e	1 Quartz 2 Mica 3 Gypsum 4 Cal Car 5 Matrix 6 Perlite 7 Other	i bonate		Prope	sties s
				L	Fibi	ous	+	ibrous	#	P B	E
Sample	Location	Appearance	Treatment	% ASBESTOS	Туре	%	Туре	% C	Layers	2 N 2 Med 3 High	1 Parali 1 2 Symmetric
8552BU 60D		4,1	\	1 Chrysofik	-		7	609	ø	1549	/-5\$C
WBS535 10D		3	\	10/0/2011)	9		3	100	a	1349	1 E
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GO1			\	1 Chrysoth	6		7	981	٥	15491	\2000 \range \begin{array}{c} \range 2000

Analyst Date 06-19-9 Computer _____ Date _____

EMSL Analytical Inc 2501 Central Parkway Suite C 13 Houston TX 77092



6/17/97 TAT 24 Hour Client **Ecology & Environment, Inc** Logged 11550 Newcastle Ave #250 6/18/97 Address Date/Time Due 9 00 AM Baton Rouge LA 70816 **Special Handling Billing Number** Fax (504) 363 - 4732 TX972437 **Project** WESTBANK ASBESTOS / 020601RAG1 Non Fibrous Optical Asbestos Results **Appearance** Treatment **Fibrous Properties** 1 Quartz 2 Mica 1 Cellulose 1 Brown 6 Vanous l Fibrous 1 Homogeneous 1 Teased Chrysotile 2 Crushed 3 Dissolved 4 Ashed 2 Grey 7 Black 2 Non Fibrous 3 Other 2 Heterogeneous 2 Amosite 2 Glass Anthophyllite 3 Min Wool 3 Tan 4 White 8 Silver 3 Other 4 Layers (#) 3 Gypsum 9 Blue 4 Synthetic 4 Cal Carbonate 5 Red 0 Orange Actinolite 5 Other 5 Matrix 6 Wollastorute Crocidolite 6 Perlite 0 None Detected 7 Haur 7 Other **Fibrous** Non-Fibrous Layers Sample Location Appearance **Treatment** %,ASBESTOS Type Type 2 (109 E S E B WB5537 S E ₿ S ₿ S В Ε ₿ S В E ₿ S E В S E Date Date

Westmont NJ Piscataway NJ Carle Place NY Manhattan NY Seattle WA Ann Arbor MI San Mateo CA Smyrna GA Greensboro NC Houston TA 609 858 4800 908 981-0550 516 997 7251 212 290-0052 203 233 9007 313-668-6810 415 570-5401 404 333-6066 910 297 1487 713-686 3635

Attn Barbara Storey **Ecology & Environment, Inc**11550 Newcastle Ave #250

Baton Rouge LA 70816

Friday June 20 1997

Ref Number TX972452



POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project 020601RAG1 WESTBANK ASBESTOS

			SAMPLE	<u>ASBESTOS</u>		NONASBI	ESTOS	
SAMPLE	LOCATION	APPEARANCE	TREATMENT	% TYPE	%	FIBROUS	%	NONFIBROUS
WBS247G01	(b) (6)	Brown Fibrous Homogeneous	Teased	2% Chrysotile < 1% Crocidolite			98%	Other
WBS247G02		Brown Non Fibrous Homogeneous	Teased	< 1% Chrysotile			100%	Other
WBS247G03		Brown Non Fibrous Homogeneous	Teased	< 1% Chrysotile			100%	Other
WBS527G01		Brown Non Fibrous Homogeneous	Teased	< 1% Chrysotile			100%	Other
WBS527G02		Brown Non Fibrous Homogeneous	Teased	< 1% Chrysotile			100%	Other
WBS527G03		Brown/White Fibrous Homogeneous	Teased	10% Chrysotile			90%	Other

Comments For all obviously heterogeneous samples easily separated into subsamples and for layered samples each component is analyzed separately Also # of Layers refers to number of separable subsamples

NY samples also analyzed by ELAP 198 & Method

Arthur Hernandez Jr

Analyst

Approved Signatory

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Disclaimers PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor titles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government All. NVLAP reports with NVLAP logo must contain at least one signature to be valid Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

Analysis performed by EMSL of Houston (NVLAP Air and Bulk #102106)

1

Westmont NJ Piscataway NJ Carle Place NY Manhattan NY Seattle WA Ann Arbor MI San Mateo CA Smyrna GA Greensboro NC Houston TX 609-858-4800 908 981-0550 516 997 7251 212 290-0052 203 233 9007 313-668-6810 415-570 5401 404 333-6066 910-297 1487 713-686 3635

Attn Barbara Storey

Ecology & Environment, Inc
11550 Newcastle Ave #250
Baton Rouge LA 70816

Friday June 20 1997

Ref Number TX972452



POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project 020601RAG1 WESTBANK ASBESTOS

			SAMPLE	ASB	ESTOS		NONASB	<u>ESTOS</u>	
SAMPLE	LOCATION	APPEARANCE	TREATMENT	%	TYPE	%	FIBROUS	%	NONFIBROUS
WBS527G04	(b) (6)	Brown Fibrous Homogeneous	Teased	2% Cr	rysotile			98%	6 Other
WBS527G05		Brown/White Fibrous Homogeneous	Teased	10% Ct	rysotile			90%	6 Other

Comments For all obviously heterogeneous samples easily separated into subsamples and for layered samples each component is analyzed separately Also # of Layers refers to number of separable subsamples

NY samples also analyzed by ELAP 198 1 Method

Arthur Hernandez Jr

Analyst

Approved Signatory

White the second

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ecology and environment, inc.

Analytical Services Center

4493 Walden Avenue Lancaster New York 14086 Tel 716/685 8080 Fax 716/685 0852

International Specialists in the Environment

CHAIN OF CUSTODY RECORD

Project No)	Project I	Name						D.,	oject Manager	 						7//
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Distribution Original Accompanies Shipment Copy to Coordinator Field Files

WB-49214

^{*}See CONCENTRATION RANGE on back of form

Client	Ecology 8	& Environmei	nt, Inc		Logged	6/18/	97		TAT	24 Ho	ur	
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1 Brown	6 Various	ppearance Fibrous	1 Homogeneous	Treatment 1 Teased	1 Chrysotile	1	Fibro Cellulose	1 Qua			Opt Prope	1
2 Grey 3 Tan 4 White	7 Black 8 Silver 9 Blue	2 Non Fibrous 3 Other	2 Heterogeneous 3 Other 4 Layers (#)	2 Crushed 3 Dissolved 4 Ashed	2 Amosite 3 Anthophyllite 4 Tremolite	3 4	Glass Min Wool Synthetic		sum Carbonate		!	
5 Red	0 Orange				5 Actinolite 6 Crocidolite 0 None Detected	6	Other Wollastonite Hair	5 Mai 6 Perl 7 Othe	ite		1 V 2 W gh pec l	1
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EMSL Analytical Inc 2501 Central Parkylvay Suite C 13 Houston TX 77092



ecology and environment, inc.

Analytical Services Center 4493 Walden Avenue Lancaster New York 14086 Tel 716/685 8080 Fax 716/685 0852 International Specialists in the Environment

CHAIN OF CUSTODY RECORD

Project No 02660	201RAGI Westback Ashestons Field Team Leader Field Team Leader													
Mage	re of	<u>m</u> -/		AU	oll	Hore Brown Eller	Field Team Lea	Barba	ra Story	, F			//	REMARKS
STATION NUMBER	DATE		COMP	YPE	AIR	EXPECTED COMPOUNDS (Concent	tration)*	STATION	LOCATION	NUMBER OF CON TAINERS				EPA tany # 5 6-063073
UBS-490 GOI	6-19-97	0955	×			asbestos (low)		(b) (6)		1	\times			6-063073
WB5490 GOZ WB5490	i (1000	1 1							1	×			6-063074
WB5490		1005	\times							1	×			6-063074 6-063075 6-063076
604		1005	\times						/	/	×			6-063076
WB5522 GOI	52J 1045 X							(b) (b)		/	\times			6-063077
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W85038	/	1503	$\overline{}$,	X			6-008669
WB5038		1506							V		2			C+08610
NBS255		1601	7					(b) (6)		,	×			6-008671
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*See CONC						Copy to Coordinator Field Files	1	0						0571194

CONCENTRATION INFORMATION

EXPECTED

CONCENTRATION RANGE

Liquid

Soil

L (Low)

0 - 50ppb

0 - 50ppm

M (Medium)

51 - 1000ppb

51 - 1000ppm

H (High)

> 1000ppm

,

Westmont NJ Piscataway NJ Carle Place NY Manhattan NY Seattle WA Ann Arbor MI San Mateo CA Smyrna GA Greensboro NC Houston TX 609 858-4800 908 981-0550 516 997 7251 212 290-0052 203 233 9007 313-668-6810 415 570 5401 404 333-6066 910 297 1487 713-686 3635

Attn Barbara Storey

Ecology & Environment, Inc
11550 Newcastle Ave #250
Baton Rouge LA 70816

Monday June 23 1997

Ref Number TX972494



POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project 020601RAG1 WESBANK ASBESTOS

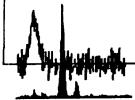
			SAMPLE		<u>ESTOS</u>		<u>NONASB</u>		į	
SAMPLE	LOCATION	APPEARANCE	TREATMENT	%	TYPE	%	FIBROUS	%	NONFIB	ROUS
WBS490G01	(b) (6)	Tan Non Fibrous Homogeneous	Teased	< 1% Ch	rysotile		-	100%	Other	-
WBS490G02	_	Tan Non Fibrous Homogeneous	Teased	< 1% Ch	rysotile			100%	Other	
WBS490G03		Tan Non Fibrous Homogeneous	Teased	2% Ch	rysotile		_	98%	Other	
WBS490G04		Tan Non Fibrous Homogeneous	Teased	< 1% Ch	rysotile			100%	Other	
WBS522G01		Tan Non Fibrous Homogeneous	Teased	< 1% Ch	rysotile			100%	Other	-
WBS522G02		Tan Non Fibrous Homogeneous	Teased	< 1% Ch	rysotile	 		100%	Other	

Comments For all obviously heterogeneous samples easily separated into subsamples and for layered samples each component is analyzed separately Also '# of Layers' refers to number of separable subsamples

NY samples also analyzed by ELAP 198 1 Method

Carlos D Salınas Analyst Approved Signatory

1



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Attn Barbara Storey

Ecology & Environment, Inc
11550 Newcastle Ave #250
Baton Rouge LA 70816

Monday June 23 1997

Ref Number TX972494



POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

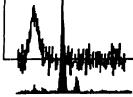
Project 020601RAG1 WESBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	<u>ASBESTOS</u> % TYPE	%	<u>NONASBI</u> FIBROUS		NONFIB	ROUS
WBS038G01	(b) (6)	Tan Non Fibrous Homogeneous	Teased	< 1% Chrysotile < 1% Crocidolite			100%	Other	
WBS038G02		Tan Non Fibrous Homogeneous	Teased	< 1% Chrysotile < 1% Crocidolite			100%	Other	
WBS038G03		Tan Non Fibrous Homogeneous	Teased	2% Chrysotile < 1% Crocidolite			98%	Other	
WBS038G04		Tan Non Fibrous Homogeneous	Teased	< 1% Chrysotile < 1% Crocidolite			100%	Other	
WBS038G05	_	Tan Non Fibrous Homogeneous	Teased	< 1% Chrysotile			100%	Other	
WBS255G01		Tan Non Fibrous Homogeneous	Teased	< 1% Chrysotile		· 	100%	Other	

Comments For all obviously heterogeneous samples easily separated into subsamples and for layered samples each component is analyzed separately Also # of Layers refers to number of separable subsamples

* NY samples also analyzed by ELAP 198 1 Method

Carlos D Salınas Analyst Approved Signatory



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Westmont NJ Piscataway NJ Carle Place NY Manhattan NY Seattle WA Ann Arbor MI San Mateo CA Smyrna GA Greensboro NC Houston TX 609 858-4800 908 981-0550 516 997 7251 212 290-0052 203 233 9007 313-668-6810 415 570 5401 404 333-6066 910 297 1487 713-686 3635

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POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project 020601RAG1 WESBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBI %	ESTOS TYPE	%	<u>NONASB</u> FIBROUS		IONFIBI	
WBS255G02	(b) (6)	Tan Non Fibrous Homogeneous	Teased	< 1% Ch < 1% Cr	•			100% C	Other	
WBS255G03		Tan Non Fibrous Homogeneous	Teased	2% Ch < 1% Cr	rysotile ocidolite			98% (Other	

Comments For all obviously heterogeneous samples easily separated into subsamples and for layered samples each component is analyzed separately Also # of Layers refers to number of separable subsamples

NY samples also analyzed by ELAP 198 1 Method

Carlos D Salinas

Analyst

Approved Signatory



Disclaimers PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government All. NVLAP reports with NVLAP logo must contain at least one signature to be valid Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

Analysis performed by EMSL of Houston (NVLAP Air and Bulk #102106)

3

PLM Analysis Worksheet TAT 24 Hour 6/20/97 Logged **Ecology & Environment, Inc** Client 6/23/97 12 58 PM Date/Time Due 11550 Newcastle Ave #250 Address Baton Rouge LA 70816 **Billing Number** Special Handling (504) 363 4732 TX972494 020601RAG1 WESBANK ASBESTOS Project Non Fibrous Optical Fibrous Treatment Asbestos Results Appearance **Properties** Cellulose l Quartz Chrysotile Teased 1 Brown 6 Various Fibrous 1 Homogeneous 2 Heterogeneous 2 Glass 3 Min Wool Crushed 2 Mica ¹2 Grey 7 Black 2 Non Fibrous 3 Other 4 Layers (#) 3 Dissolv 4 Ashed Anthophyllite Gypsum Dissolved Other 3 Tan 8 Silver Tremolne Synthetic Cal Carbonate 4 White 5 Actinolite 5 Other 5 Matrix 5 Red 0 Orange 6 Perlite 6 Crocidolite Wollastonite 0 None Detected 7 Hair Other **Fibrous** Non Fibrous Layers % % ASBESTOS Туре Type Location Appearance | Treatment OX 901 402 WBS 490 G03 WBS 490 G04 4/83522 901 WBSSZZ 100 902 WS038 11 901 WBS 038 402

Date

EMSL Analytical Inc 2501 Central Parkway Suite C 13 Houston TX 77092

Date

Analyst

•	Client	Ecology 8	& Environme	nt, Inc		Loggea	6/20/9	'		101	241100	••	
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Westmont NJ Piscataway NJ Carle Place NY Manhattan NY Seattle WA Ann Arbor MI San Mateo CA Smyrna GA Greensboro NC Houston TX 609-858-4800 908 981-0550 516 997 7251 212 290-0052 203 233 9007 313-668-6810 415 570-5401 404 333-6066 910-297 1487 713-686 3635

Attn Barbara Storey

Ecology & Environment, Inc
11550 Newcastle Ave #250
Baton Rouge LA 70816

Tuesday June 24 1997

Ref Number TX972510



POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project 020601RAG1 WESTBANK ASBESTOS

			SAMPLE	ASBI	ESTOS		NONASB	ESTOS	
SAMPLE	LOCATION	APPEARANCE	TREATMENT	%	TYPE	%	FIBROUS	%	NONFIBROUS
WBS503G01	(b) (6)	Brown Non Fibrous Homogeneous	Teased	< 1% Ch	rysotile		_	100%	6 Other
WBS503G02		Brown/White Fibrous Homogeneous	Teased	10% Ch	rysotile			90%	6 Other
WBS503G03		Brown Fibrous Homogeneous	Teased	3% Ch	rysotile			97%	6 Other
WBS240G01		Brown Non Fibrous Homogeneous	Teased	No	ne Detected			100%	6 Other
WBS503G04		Brown Non Fibrous Homogeneous	Teased	No	ne Detected			100%	6 Other
WBS248G01		Brown Non Fibrous Homogeneous	Teased	< 1% Ch	rysotile			100%	6 Other

Comments For all obviously heterogeneous samples easily separated into subsamples and for layered samples each component is analyzed separately Also '# of Layers' refers to number of separable subsamples

* NY samples also analyzed by ELAP 198 1 Method

Arthur Hernandez Jr Analyst Approved Signatory

W WHITH WAR

Disclaimers PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor titles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government All. NVLAP reports with NVLAP logo must contain at least one signature to be valid Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

Analysis performed by EMSL of Houston (NVLAP Air and Bulk #102106)

1

Attn Barbara Storey **Ecology & Environment, Inc** 11550 Newcastle Ave #250 Baton Rouge LA 70816

609-858-4800

Tuesday June 24 1997

Ref Number TX972510



POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project 020601RAG1 WESTBANK ASBESTOS

			SAMPLE	<u>ASBESTOS</u>		NONASE	ESTOS	
SAMPLE	LOCATION	APPEARANCE	TREATMENT	% TYPE	%	FIBROUS	%	NONFIBROUS
WBS248G02	(b) (6)	Brown Fibrous Homogeneous	Teased	2% Chrysotile			98%	Other
WBS238G01	_	Brown Non Fibrous Homogeneous	Teased	None Detected			100%	Other
WBS239G01		Brown Non Fibrous Homogeneous	Teased	2% Chrysotile			98%	Other
WBS298G01		Brown Fibrous Homogeneous	Teased	2% Chrysotile < 1% Crocidolite			98%	Other
WBS298G02		Brown Fibrous Homogeneous	Teased	2% Chrysotile			98%	Other
WBS298G03		Brown Non Fibrous Homogeneous	Teased	< 1% Chrysotile < 1% Crocidolite			 100%	Other

Comments For all obviously heterogeneous samples easily separated into subsamples and for layered samples each component is analyzed separately Also # of Layers refers to number of separable subsamples

* NY samples also analyzed by ELAP 198 1-Method

Arthur Hernandez Jr **Analyst**

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pproved

Signatory



Arthur Hernandez Jr **Analyst**

Approved

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EMSL Analytical Inc 2501 Central Parkway Suite C 13 Houston TX 77092



ecology and environment, inc.

Analytical Services Center

4493 Walden Avenue Lancaster New York 14086 Tel 716/685 8080 Fax 716/685 0852

International Specialists in the Environment

CHAIN OF CUSTODY RECORD

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Distribution Original Accompanies Shipment Copy to Coordinator Field Files

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^{*}See CONCENTRATION RANGE on back of form



ecology and environment, inc.

Analytical Services Center
4493 Walden Avenue Lancaster New York 14086 Tel 716/685 8080 Fax 716/685 0852
International Spec alists in the Environment

TX9725/0

CHAIN OF CUSTODY RECORD

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Distribution Original Accompanies Shipment Copy to Coordinator Field Files

WB-00220

^{*}See CONCENTRAT ON RANGE on back of form

Westmont NJ Piscataway NJ Carle Place NY Manhattan NY Seattle WA Ann Arbor MI San Mateo CA Smyrna GA Greensboro NC Houston TX 609-858-4800 908 981-0550 516 997 7251 212 290-0052 203 233 9007 313-668-6810 415 570-5401 404 333-6066 910 297 1487 713-686 3635

Attn Barbara Storey

Ecology & Environment, Inc
11550 Newcastle Ave #250
Baton Rouge LA 70816

Tuesday June 24 1997

Ref Number TX972550



POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project 020601RAG1 WESTBANK ASBESTOS

			SAMPLE	<u>ASBEST</u>	<u>os</u>	NONASB	<u>ESTOS</u>
SAMPLE	LOCATION	APPEARANCE	TREATMENT	%	TYPE %	FIBROUS	% NONFIBROUS
WBS253G01	(b) (6)	Tan Non Fibrous Homogeneous	Teased	< 1% Chryso	tile		100% Other
WBS521G01		Tan Non Fibrous Homogeneous	Teased	None [Detected		100% Other
WBS521G02	-	Tan Non Fibrous Homogeneous	Teased	2% Chryso < 1% Crocide	1		98% Other
WBS521G03	-	Tan Non Fibrous Homogeneous	Teased	3% Chryso < 1% Crocido			97% Other
WBS550G01		Tan Non Fibrous Homogeneous	Teased	2% Chryso	tile		98% Other
WBS544G01		Tan Non Fibrous Homogeneous	Teased	4% Chryso < 1% Crocido			96% Other

Comments For all obviously heterogeneous samples easily separated into subsamples and for layered samples each component is analyzed separately Also # of Layers refers to number of separable subsamples

NY samples also analyzed by ELAP 198 1 Method

Carlos D Salinas Analyst Approved Signatory



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Westmont NJ Piscataway NJ Carle Place NY Manhattan NY Seattle WA Ann Arbor MI San Mateo CA Smyrna GA Greensboro NC Houston TX 609-858-4800 908-981-0550 516 997 7251 212 290-0052 203 233 9007 313-668-6810 415 570-5401 404 333-6066 910 297 1487 713-686 3635

EMSL

Attn Barbara Storey

Ecology & Environment, Inc
11550 Newcastle Ave #250
Baton Rouge LA 70816

Tuesday June 24 1997

Ref Number TX972550

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

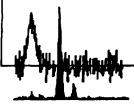
Project 020601RAG1 WESTBANK ASBESTOS

			SAMPLE	ASBES	<u>stos</u>		NONASB	<u>ESTOS</u>	
SAMPLE	LOCATION	APPEARANCE	TREATMENT	%	TYPE	%	FIBROUS	%	NONFIBROUS
WBS506G01	(b) (6)	Tan Non Fibrous Homogeneous	Teased	2% Chry	ysotile			98%	6 Other
WBS506G02		Tan Non Fibrous Homogeneous	Teased	2% Chry	ysotile			98%	6 Other
WBS506G03		Tan Non Fibrous Homogeneous	Teased	< 1% Chry < 1% Croc				100%	6 Other

Comments For all obviously heterogeneous samples easily separated into subsamples and for layered samples each component is analyzed separately Also # of Layers refers to number of separable subsamples

* NY samples also analyzed by ELAP 198 1 Method

Carlos D Salinas Analyst Approved Signatory



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ent, inc.

5 Tel 716/685 8080 Fax 716/685 0852

CHAIN OF CUSTODY RECORD

Field Team Lead	eff Wright				REMARKS
SAMPLE INFORMATION XPECTED COMPOUNDS (Concentration)*	STATION LOCATION	NUMBER OF CON TAINERS	13/		FPA tag #
Abestos (Low)	(b) (6)	1	X		6-46308b
		/			6-008679
) '		\times	$\perp \perp \perp$	6-008680
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Client	Ecology &	Environme	nt, Inc		Logged	6/24/	197			IAI	24 1100	11	1
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Fax	(504) 363						Spe	cial Hand	lling		В	illing Nu	ımber
ı ax	(304) 303	4702										TX972	550
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2 Grey 3 Tan 4 White	7 Black 8 Sil er 9 Blue	2 Non Fibrous 3 Other	2 Heterogeneous 3 Other 4 Layers (#)	2 Crushed 3 Dissolved 4 Ashed	2 Amosite 3 Anthophyllite 4 Tremolite	3	Glass Min Wool Synthetic	[3	Mica Gypsum Cal Cai				'
5 Red	0 Orange	1			5 Actinolite 6 Crocidolite 0 None Detected	6	Other Wollastonit Hair	e 6	Matrix Perlite Other			\I\ I\b Spef	s 2
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Client	Ecology & Environment, Inc		Logged	6/24	197	IA	1 24	noui		
Address	11550 Newcastle Ave #250 Baton Rouge LA 70816	C	Date/Time Due	6/25			f .			
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Westmont NJ Piscataway NJ Carle Place NY Manhattan NY Seattle WA Ann Arbor MI San Mateo CA Smyrna GA Greensboro NC Houston TX 609 858-4800 908 981 0550 516 997 7251 212 290-0052 203 233 9007 313-668-6810 415 570-5401 404 333-6066 910-297 1487 713-686 3635

Attn Barbara Storey

Ecology & Environment, Inc
11550 Newcastle Ave #250
Baton Rouge LA 70816

Wednesday June 25 1997

Ref Number TX972549

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project 020601RAGI WESTBANK ASBESTOS

			SAMPLE	ASBE	<u>stos</u>		NONASB	<u>ESTOS</u>	
SAMPLE	LOCATION	APPEARANCE	TREATMENT	%	TYPE	%	FIBROUS	%	NONFIBROUS
WBS519G01	(b) (6)	Tan Non Fibrous Homogeneous	Teased	Nor	ne Detected		-	100%	6 Other
WBS517G01		Tan Non Fibrous Homogeneous	Teased	2% Chr	ysotile			98%	o Other
WBS517G02	_	Tan Non Fibrous Homogeneous	Teased	2% Chr	ysotile			98%	6 Other
WBS517G03		Tan Non Fibrous Homogeneous	Teased	2% Chr	ysotile		_	98%	6 Other
WBS543G01		Tan Non Fibrous Homogeneous	Teased	< 1% Chr	ysotile			100%	o Other
WBS543G02		Tan Non Fibrous Homogeneous	Teased	< 1% Chr	ysotile			100%	Other

Comments For all obviously heterogeneous samples easily separated into subsamples and for layered samples each component is analyzed separately Also # of Layers refers to number of separable subsamples

* NY samples also analyzed by ELAP 198 1 Method

Carlos D Salinas

Analyst

Approved
Signatory

W WHITE

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Westmont NJ Piscataway NJ Carle Place NY Manhattan NY Seattle WA Ann Arbor MI San Mateo CA Smyrna GA Greensboro NC Houston TX 609-858-4800 908 981-0550 516-997 7251 212 290-0052 203 233 9007 313-668-6810 415 570 5401 404 333-6066 910-297 1487 713-686 3635

Attn Barbara Storey

Ecology & Environment, Inc
11550 Newcastle Ave #250
Baton Rouge LA 70816

Wednesday June 25 1997

Ref Number TX972549

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project 020601RAGI WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASB %	ESTOS TYPE	%	<u>NONASB</u> FIBROUS	ESTOS %	NONFIBROUS
WBS852G01	(b) (6)	Tan Non Fibrous Homogeneous	Teased	6% Cr	rysotile			94%	Other
WBS867G01		Tan Non Fibrous Homogeneous	Teased	No	one Detected			100%	Other

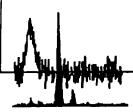
Comments For all obviously heterogeneous samples easily separated into subsamples and for layered samples each component is analyzed separately Also # of Layers refers to number of separable subsamples

NY samples also analyzed by ELAP 198 1 Method

Carlos D Salinas

Analyst

Approved Signatory



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ecology and environment, inc.

Analytical Services Center 4493 Walden Avenue Lancaster New Yo k 14086 Tel 716/685 8080 Fax 716/685 0852 International Specialis s in the Environment

CHAIN OF CUSTODY RECORD

Project No	Project N	Jame				Project Manager	<u> </u>		· 			7777
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See CONCENTRATION RANGE on back of form

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	Fax	(504) 363						Spec	ial Han	dling		Bı	lling Number
												1	TX972549
F	Project		SI WESTBANK	- -	Treatment	Asbestos Res	ults	Fibro	ous	Non I	Fibrous	E	Optical
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Attn Barbara Storey

Ecology & Environment, Inc
11550 Newcastle Ave #250
Baton Rouge LA 70816

Friday June 27 1997

Ref Number TX972564



REC'D JUL 0 8 1997

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project WESTBANK ASBESTOS / 020601RAG1

			SAMPLE	<u>ASBI</u>	<u>ESTOS</u>		NONASE	ESTOS	
SAMPLE	LOCATION	APPEARANCE	TREATMENT	%	TYPE	%	FIBROUS	%	NONFIBROUS
WBS252G01	(b) (6)	Brown Non Fibrous Homogeneous	Teased	5% Ch	irysotile			95%	6 Other
WBS252G02		Brown Non Fibrous Homogeneous	Teased	2% Ch < 1% Cr	rysotile ocidolite	i 1		98%	6 Other
WBS251G01		Brown Non Fibrous Homogeneous	Teased	< 1% Ch	rysotile			100%	6 Other
WBS251G02		Brown Non Fibrous Homogeneous	Teased	< 1% Ch	rysotile			100%	Other
WBS518G01		Brown Non Fibrous Homogeneous	Teased	< 1% Ch	rysotile			100%	Other
WBS520G01		Brown Non Fibrous Homogeneous	Teased	No	ne Detected			100%	Other

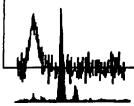
Comments For all obviously heterogeneous samples easily separated into subsamples and for layered samples each component is analyzed separately Also # of Layers refers to number of separable subsamples

* NY samples also analyzed by ELAP 198 1 Method

Carlos D Salınas

Analyst

Approved
Signatory



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Analysis performed by EMSL of Houston (NVLAP Air and Bulk #102106)

Westmont NJ Piscataway NJ Carle Place NY Manhattan NY Seattle WA Ann Arbor MI San Mateo CA Smyrna GA Greensboro NC Houston TX 609 858-4800 908 981-0550 516 997 7251 212 290-0052 203 233-9007 313-668-6810 415 570-5401 404 333-6066 910 297 1487 713-686 3635

Attn Barbara Storey

Ecology & Environment, Inc
11550 Newcastle Ave #250
Baton Rouge LA 70816

Friday June 27 1997

Ref Number TX972564



POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project WESTBANK ASBESTOS / 020601RAG1

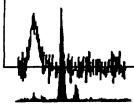
			SAMPLE	ASBE	STOS		NONASB	ESTOS	
SAMPLE	LOCATION	APPEARANCE	TREATMENT	%	TYPE	%	FIBROUS	%	NONFIBROUS
WBS520G02	b) (6)	Brown Non Fibrous Homogeneous	Teased	< 1% Ch	rysotile			100%	6 Other
WBS520G03		Brown Non Fibrous Homogeneous	Teased	< 1% Chi	ysotile			100%	6 Other
WBS514G01		Brown Non Fibrous Homogeneous	Teased	2% Chr	ysotile			98%	6 Other
WBS514G02		Brown Non Fibrous Homogeneous	Teased	2% Chr	ysotile			98%	6 Other
WBS249G01		Brown Non Fibrous Homogeneous	Teased	< 1% Chr	ysotile			100%	6 Other
WB\$249G02		Brown Non Fibrous Homogeneous	Teased	2% Chr	ysotile			98%	6 Other

Comments For all obviously heterogeneous samples easily separated into subsamples and for layered samples each component is analyzed separately Also # of Layers refers to number of separable subsamples

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Carlos D Salinas Analyst

Approved Signatory



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Westmont NJ Piscataway NJ Carle Place NY Manhattan NY Seattle WA Ann Arbor MI San Mateo CA Smyrna GA Greensboro NC Houston TX 609-858 4800 908 981 0550 516 997 7251 212 290-0052 203 233 9007 313-668-6810 415 570 5401 404 333-6066 910 297 1487 713-686 3635

Attn Barbara Storey **Ecology & Environment, Inc**11550 Newcastle Ave #250
Baton Rouge LA 70816

Friday June 27 1997

Ref Number TX972564



POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project WESTBANK ASBESTOS / 020601RAG1

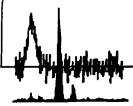
ĺ			SAMPLE	<u>ASB</u>	<u>ESTOS</u>		NONASB	<u>ESTOS</u>	
SAMPLE	LOCATION	APPEARANCE	TREATMENT	%	TYPE	%	FIBROUS	%	NONFIBROUS
WBS906G01	(b) (6)	Brown	Teased	No	ne Detected			100%	Other
1		Non Fibrous							
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Comments For all obviously heterogeneous samples easily separated into subsamples and for layered samples each component is analyzed separately Also # of Layers refers to number of separable subsamples

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Carlos D^V Salinas Analyst

Approved Signatory



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ENVIRONMENTAL PROTECTION AGENCY

OFFICIAL CHAIN OF CUSTODY RECORD

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•			F	PLM An	alysis Wo	orks	heet						
Client	Ecology	& Environme	ent, Inc		Logged	6/25	5/97		TAT	24 Ho	our		
Address		ewcastle Ave ouge LA 708		D	ate/Time Due	6/26	5/97	9 00					
Fax Project	(504) 363 - 4732 WESTBANK ASBESTOS / 020601RAG1						Special Handling				Billing Numl		
		Appearance		Treatment	Asbestos Resu	ılts	Fibro	ous	Non	Fibrous		Optical	
l Brown 2 Grey 3 Tan 4 White 5 Red	6 Vanous 7 Black 8 Silver 9 Blue 0 Orange	1 Fibrous 2 Non Fibrous 3 Other	1 Homogeneous 2 Heterogeneous 3 Other 4 Layers (#)	1 Teased 2 Crushed 3 Dissolved 4 Ashed	1 Chrysotile 2 Amosite 3 Anthophyllite 4 Tremolite 5 Actinolite 6 Croedolite 0 None Detected	3 4 5 6	Cellulose Class Min Wool Synthetic Other Wollastoru	e	1 Quartz 2 Mica 3 Gypsur 4 Cal Ca 5 Matrix 6 Perlite 7 Other			Properties I I Way 1 S 1 S 2 S n ght 2 3 Spec fy	
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Date Computer Date EMSL Analytical Inc 2501 Central Parkway Suite C 13 Houston TX 77092

Address		k Environme	nt, inc		Logged	6/25	5/97			TAT	24 Ho	ur	
		vcastle Ave ige LA 7081			ate/Time Due	6/26	6/97	9 00	AM		n r——		
Fax	(504) 363	_					Spe	cial Han	idling		В	illing N TX972	
Project			UZUOUTRAGI								J [
1 Brown 2 Grey 3 Tan 4 White 5 Red	Ap 6 Vanous 7 Black 8 Silver 9 Blue 0 Orange	1 Fibrous 2 Non Fibrous 3 Other	1 Homogeneous 2 Heterogeneous 3 Other 4 Layers (#)	Treatment 1 Teased 2 Crushed 3 Dissolved 4 Ashed	Asbestos Rest Chrysotie Amoste Anthophyllite Temolite Attendite Crocidolite None Detected	1 2 3 4 5	Fibro Cellulose Glass Min Wool Synthetic Other Wollastorut Hau	c	1 Quartz 2 Mica 3 Gypsum 4 Cal Cai 5 Matrix 6 Perlite 7 Other	rbonate	#	M 1 Wery 2 Str pta 3 Spec fy	erties
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